FORM 3

AMENDED REPORT ☐

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Greater Monument Butte F-1-9-16

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-21839

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	734 FNL 740 FEL	NENE	2	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	1130 FNL 221 FEL	NENE	2	9.0 S	16.0 E	S
At Total Depth	1325 FNL 10 FWL	SWNW	1	9.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
10

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1448

26. PROPOSED DEPTH
MD: 6299 TVD: 6299

27. ELEVATION - GROUND LEVEL
5444

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-7478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 01/21/2010	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013502240000

APPROVAL

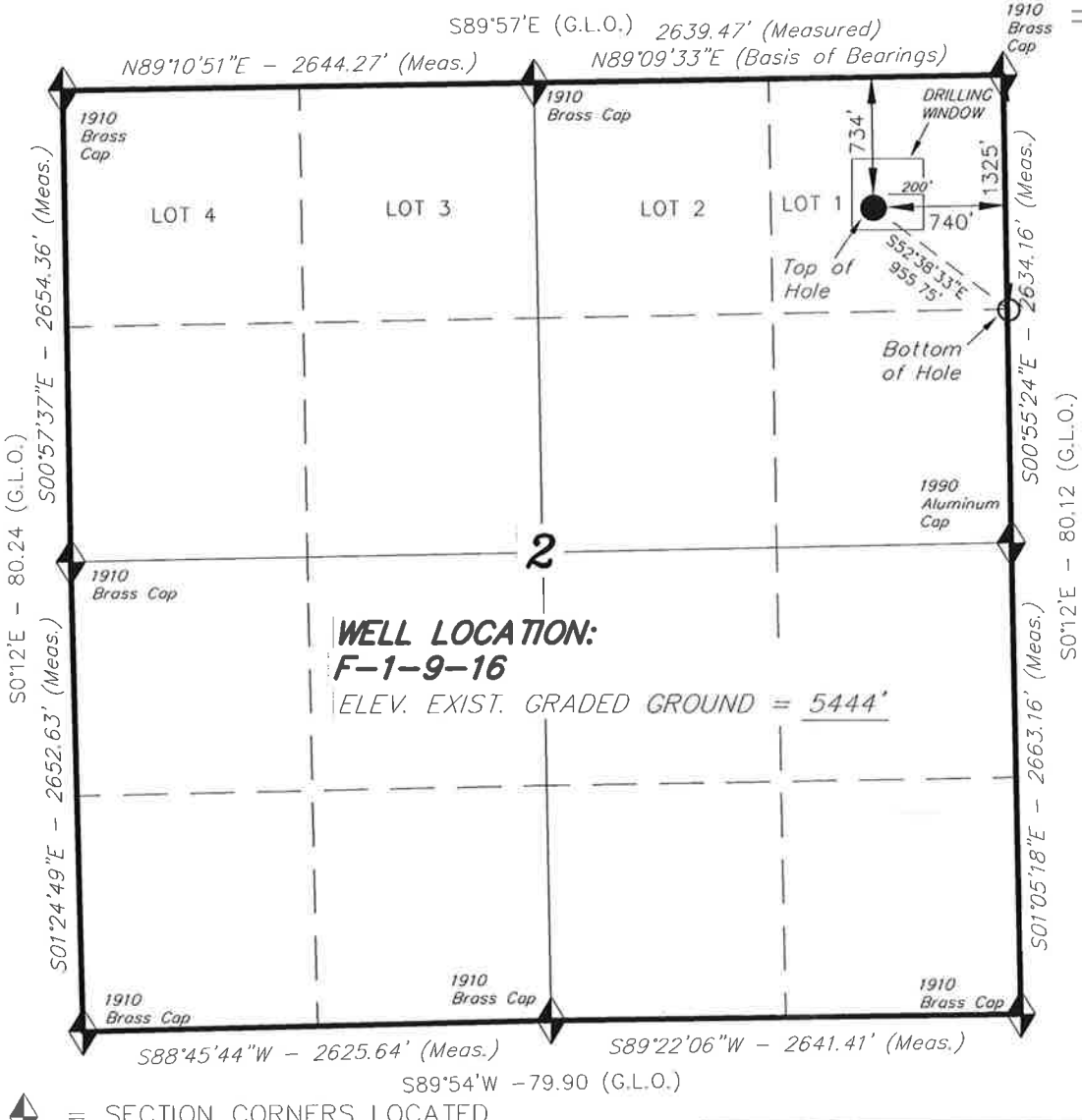
Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6299		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6299	15.5			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	350		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	350	24.0			

'APIWellNo:43013502240000'

T9S, R16E, S.L.B.&M.



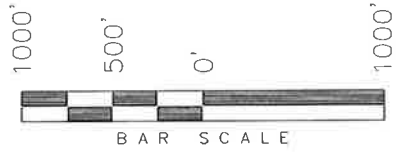
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

F-1-9-16
(Surface Location) *NAD 83*
LATITUDE = 40° 03' 54.45"
LONGITUDE = 110° 04' 47.52"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, F-1-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 (LOT 1) OF SECTION 2, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:
1. The bottom of hole footages are 1325' FNL & 10' FWL of Section 1, T9S, R16E.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 09-25-09	SURVEYED BY: T.P.
DATE DRAWN: 10-14-09	DRAWN BY: M.W.
REVISED: 01-15-2010	SCALE: 1" = 1000'

'APIWellNo:43013502240000'

NEWFIELD

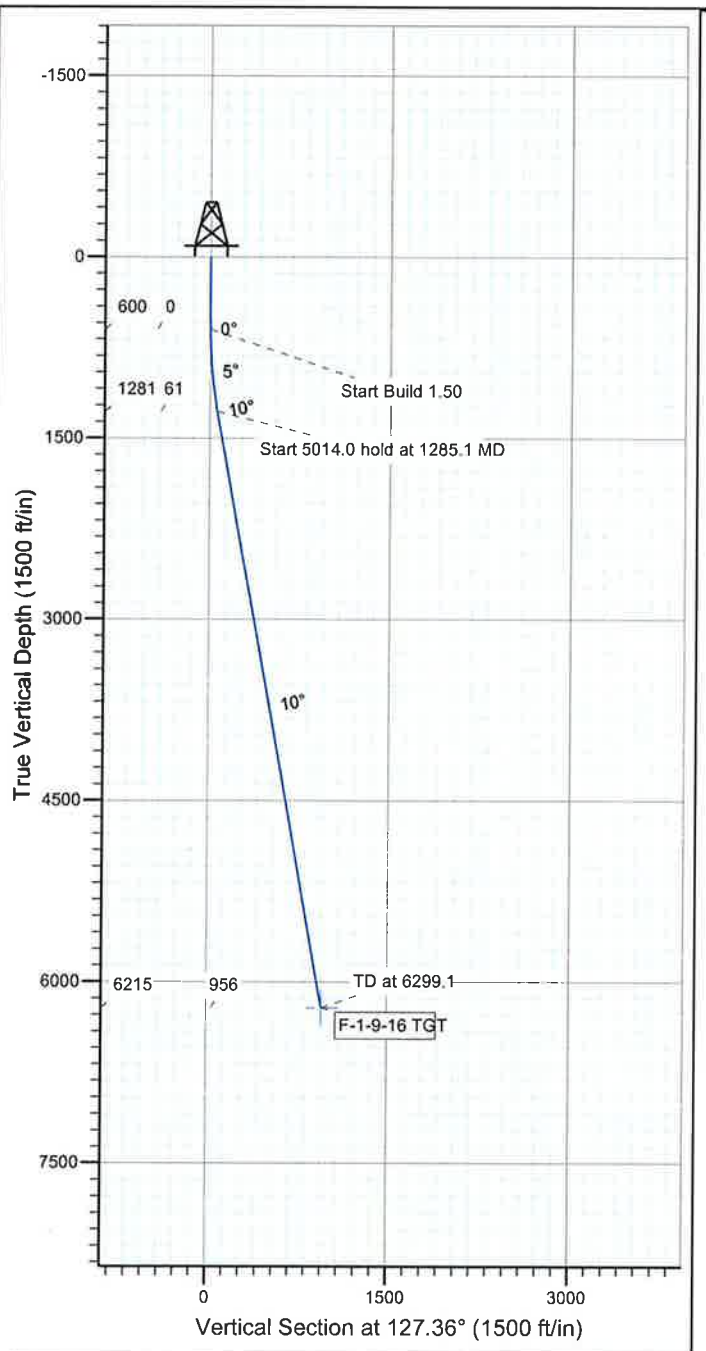
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: F-1-9-16
Wellbore: Wellbore #1
Design: Design #1

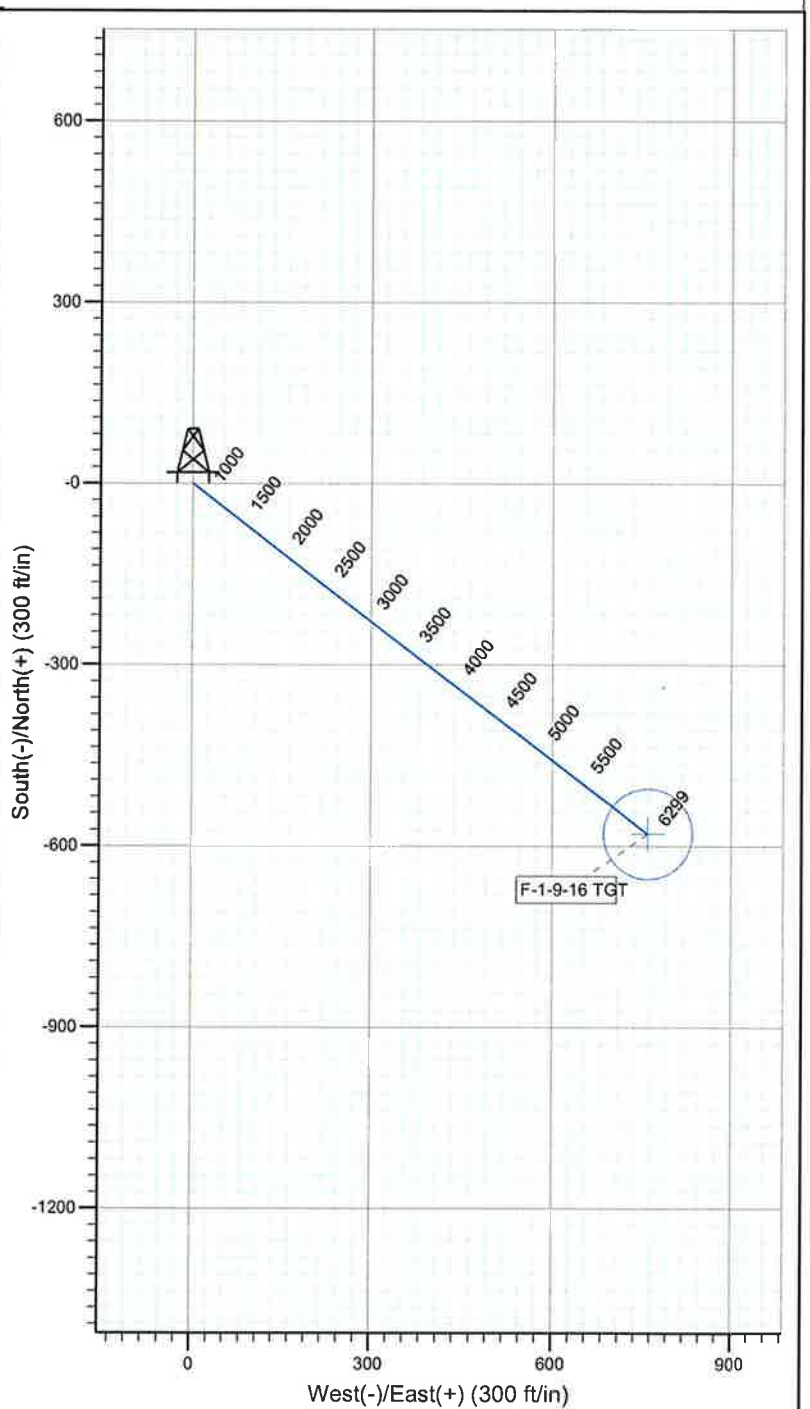
T M

Azimuths to True North
Magnetic North: 11.50°

Magnetic Field
Strength: 52458.9snT
Dip Angle: 65.86°
Date: 12/15/2009
Model: IGRF200510

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
F-1-9-16 TGT	6215.0	-580.0	759.7	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1285.1	10.28	127.36	1281.4	-37.2	48.7	1.50	127.36	61.3	
4	6299.1	10.28	127.36	6215.0	-580.0	759.7	0.00	0.00	955.7	F-1-9-16 TGT

'APIWellNo:43013502240000'

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 9S 16E
F-1-9-16

Wellbore #1

Plan: Design #1

Standard Planning Report

15 December, 2009

'APIWellNo:43013502240000'

NEWFIELD

HATHAWAYBURNHAM
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well F-1-9-16
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	WELL @ 5456.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	WELL @ 5456.0ft (Original Well Elev)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	F-1-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 2 9S 16E, SEC 2 9S 16E				
Site Position:		**Northing:**	7,193,600.00 ft	**Latitude:**	40° 3' 34.952 N
From:	Map	**Easting:**	2,036,100.00 ft	**Longitude:**	110° 5' 10.480 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.91 °

Well	F-1-9-16, SHL LAT: 40 03 54.45, LONG -110 04 47.52					
Well Position	**+N/-S**	1,972.9 ft	**Northing:**	7,195,600.85 ft	**Latitude:**	40° 3' 54.450 N
	+E/-W	1,785.3 ft	**Easting:**	2,037,853.55 ft	**Longitude:**	110° 4' 47.520 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,456.0 ft	**Ground Level:**	5,444.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/15/2009	11.50	65.86	52,459

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	6,215.0	0.0	0.0	127.36	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,285.1	10.28	127.36	1,281.4	-37.2	48.7	1.50	1.50	0.00	127.36	
6,299.1	10.28	127.36	6,215.0	-580.0	759.7	0.00	0.00	0.00	0.00	F-1-9-16 TGT

'APIWellNo:43013502240000'

NEWFIELD

HATHAWAYBURNHAM
Planning Report

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Project:	USGS Myton SW (UT)	**MD Reference:**	WELL @ 5456.0ft (Original Well Elev)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	F-1-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	127.36	700.0	-0.8	1.0	1.3	1.50	1.50	0.00
800.0	3.00	127.36	799.9	-3.2	4.2	5.2	1.50	1.50	0.00
900.0	4.50	127.36	899.7	-7.2	9.4	11.8	1.50	1.50	0.00
1,000.0	6.00	127.36	999.3	-12.7	16.6	20.9	1.50	1.50	0.00
1,100.0	7.50	127.36	1,098.6	-19.8	26.0	32.7	1.50	1.50	0.00
1,200.0	9.00	127.36	1,197.5	-28.5	37.4	47.0	1.50	1.50	0.00
1,285.1	10.28	127.36	1,281.4	-37.2	48.7	61.3	1.50	1.50	0.00
1,300.0	10.28	127.36	1,296.1	-38.8	50.8	63.9	0.00	0.00	0.00
1,400.0	10.28	127.36	1,394.5	-49.6	65.0	81.8	0.00	0.00	0.00
1,500.0	10.28	127.36	1,492.9	-60.5	79.2	99.6	0.00	0.00	0.00
1,600.0	10.28	127.36	1,591.3	-71.3	93.4	117.5	0.00	0.00	0.00
1,700.0	10.28	127.36	1,689.7	-82.1	107.5	135.3	0.00	0.00	0.00
1,800.0	10.28	127.36	1,788.1	-92.9	121.7	153.1	0.00	0.00	0.00
1,900.0	10.28	127.36	1,886.5	-103.8	135.9	171.0	0.00	0.00	0.00
2,000.0	10.28	127.36	1,984.9	-114.6	150.1	188.8	0.00	0.00	0.00
2,100.0	10.28	127.36	2,083.3	-125.4	164.3	206.6	0.00	0.00	0.00
2,200.0	10.28	127.36	2,181.7	-136.2	178.4	224.5	0.00	0.00	0.00
2,300.0	10.28	127.36	2,280.1	-147.1	192.6	242.3	0.00	0.00	0.00
2,400.0	10.28	127.36	2,378.4	-157.9	206.8	260.2	0.00	0.00	0.00
2,500.0	10.28	127.36	2,476.8	-168.7	221.0	278.0	0.00	0.00	0.00
2,600.0	10.28	127.36	2,575.2	-179.5	235.2	295.8	0.00	0.00	0.00
2,700.0	10.28	127.36	2,673.6	-190.4	249.3	313.7	0.00	0.00	0.00
2,800.0	10.28	127.36	2,772.0	-201.2	263.5	331.5	0.00	0.00	0.00
2,900.0	10.28	127.36	2,870.4	-212.0	277.7	349.4	0.00	0.00	0.00
3,000.0	10.28	127.36	2,968.8	-222.8	291.9	367.2	0.00	0.00	0.00
3,100.0	10.28	127.36	3,067.2	-233.7	306.0	385.0	0.00	0.00	0.00
3,200.0	10.28	127.36	3,165.6	-244.5	320.2	402.9	0.00	0.00	0.00
3,300.0	10.28	127.36	3,264.0	-255.3	334.4	420.7	0.00	0.00	0.00
3,400.0	10.28	127.36	3,362.4	-266.1	348.6	438.6	0.00	0.00	0.00
3,500.0	10.28	127.36	3,460.8	-277.0	362.8	456.4	0.00	0.00	0.00
3,600.0	10.28	127.36	3,559.2	-287.8	376.9	474.2	0.00	0.00	0.00
3,700.0	10.28	127.36	3,657.6	-298.6	391.1	492.1	0.00	0.00	0.00
3,800.0	10.28	127.36	3,756.0	-309.4	405.3	509.9	0.00	0.00	0.00
3,900.0	10.28	127.36	3,854.4	-320.3	419.5	527.8	0.00	0.00	0.00
4,000.0	10.28	127.36	3,952.8	-331.1	433.7	545.6	0.00	0.00	0.00
4,100.0	10.28	127.36	4,051.2	-341.9	447.8	563.4	0.00	0.00	0.00
4,200.0	10.28	127.36	4,149.6	-352.7	462.0	581.3	0.00	0.00	0.00
4,300.0	10.28	127.36	4,248.0	-363.6	476.2	599.1	0.00	0.00	0.00
4,400.0	10.28	127.36	4,346.4	-374.4	490.4	617.0	0.00	0.00	0.00
4,500.0	10.28	127.36	4,444.8	-385.2	504.6	634.8	0.00	0.00	0.00
4,600.0	10.28	127.36	4,543.2	-396.0	518.7	652.6	0.00	0.00	0.00
4,700.0	10.28	127.36	4,641.6	-406.9	532.9	670.5	0.00	0.00	0.00
4,800.0	10.28	127.36	4,740.0	-417.7	547.1	688.3	0.00	0.00	0.00
4,900.0	10.28	127.36	4,838.3	-428.5	561.3	706.2	0.00	0.00	0.00
5,000.0	10.28	127.36	4,936.7	-439.3	575.5	724.0	0.00	0.00	0.00
5,100.0	10.28	127.36	5,035.1	-450.2	589.6	741.8	0.00	0.00	0.00
5,200.0	10.28	127.36	5,133.5	-461.0	603.8	759.7	0.00	0.00	0.00

'APIWellNo:43013502240000'

NEWFIELD

HATHAWAYBURNHAM
Planning Report

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Project:	USGS Myton SW (UT)	**MD Reference:**	WELL @ 5456.0ft (Original Well Elev)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	F-1-9-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	10.28	127.36	5,231.9	-471.8	618.0	777.5	0.00	0.00	0.00
5,400.0	10.28	127.36	5,330.3	-482.6	632.2	795.4	0.00	0.00	0.00
5,500.0	10.28	127.36	5,428.7	-493.5	646.4	813.2	0.00	0.00	0.00
5,600.0	10.28	127.36	5,527.1	-504.3	660.5	831.0	0.00	0.00	0.00
5,700.0	10.28	127.36	5,625.5	-515.1	674.7	848.9	0.00	0.00	0.00
5,800.0	10.28	127.36	5,723.9	-525.9	688.9	866.7	0.00	0.00	0.00
5,900.0	10.28	127.36	5,822.3	-536.8	703.1	884.5	0.00	0.00	0.00
6,000.0	10.28	127.36	5,920.7	-547.6	717.3	902.4	0.00	0.00	0.00
6,100.0	10.28	127.36	6,019.1	-558.4	731.4	920.2	0.00	0.00	0.00
6,200.0	10.28	127.36	6,117.5	-569.2	745.6	938.1	0.00	0.00	0.00
6,299.1	10.28	127.36	6,215.0	-580.0	759.7	955.7	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
F-1-9-16 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	6,215.0	-580.0	759.7	7,195,033.08	2,038,622.25	40° 3' 48.718 N	110° 4' 37.749 W

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE F-1-9-16
AT SURFACE: NE/NE SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1565'
Green River	1565'
Wasatch	6299'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1565' – 6299' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. *PROPOSED CASING PROGRAM*

a. Casing Design: Greater Monument Butte F-1-9-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	350'	24.0	J-55	STC	2,950 15.02	1,370 12.30	244,000 29.05
Prod casing 5-1/2"	0'	6,299'	15.5	J-55	LTC	4,810 2.40	4,040 2.02	217,000 2.22

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Greater Monument Butte F-1-9-16

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	350'	Class G w/ 2% CaCl	161 188	30%	15.8	1.17
Prod casing Lead	4,299'	Prem Lite II w/ 10% gel + 3% KCl	297 968	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if

the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 350' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2010, and take approximately seven (7) days from spud to rig release.

'APIWellNo:43013502240000'

2-M SYSTEM

Blowout Prevention Equipment Systems

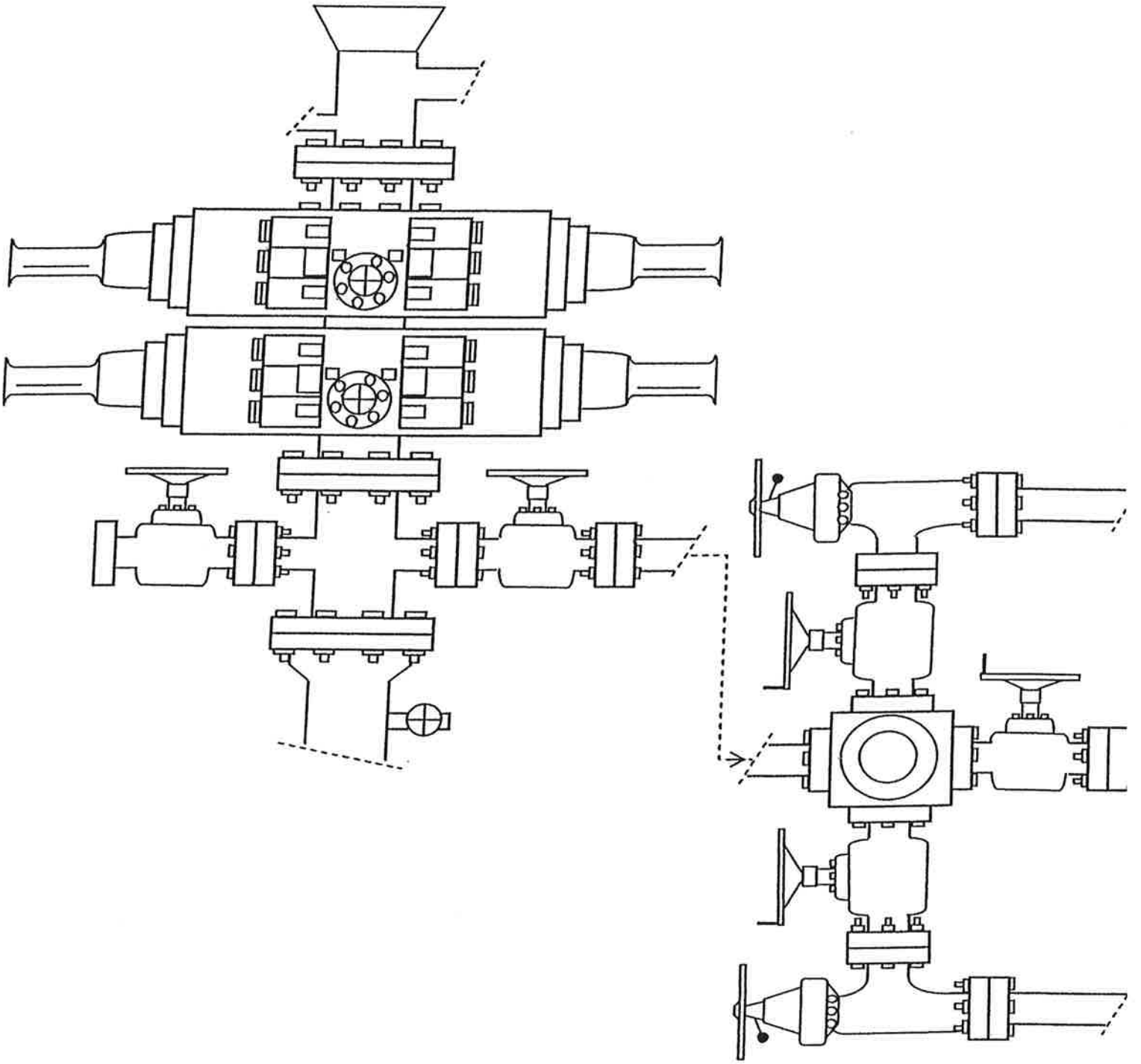
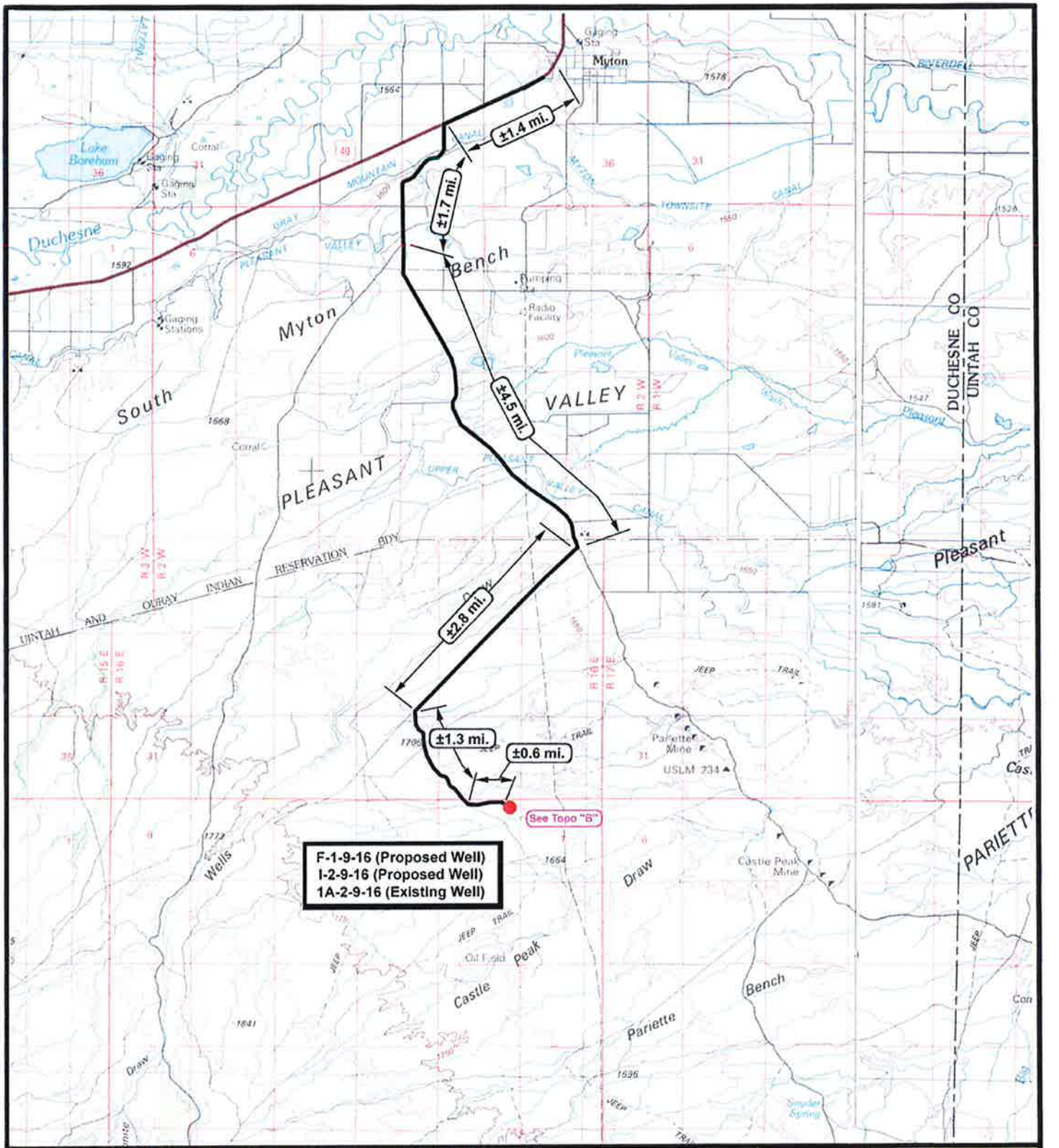


EXHIBIT C

'APIWellNo:43013502240000'



NEWFIELD
Exploration Company

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)
Pad Location NENE SEC. 2, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

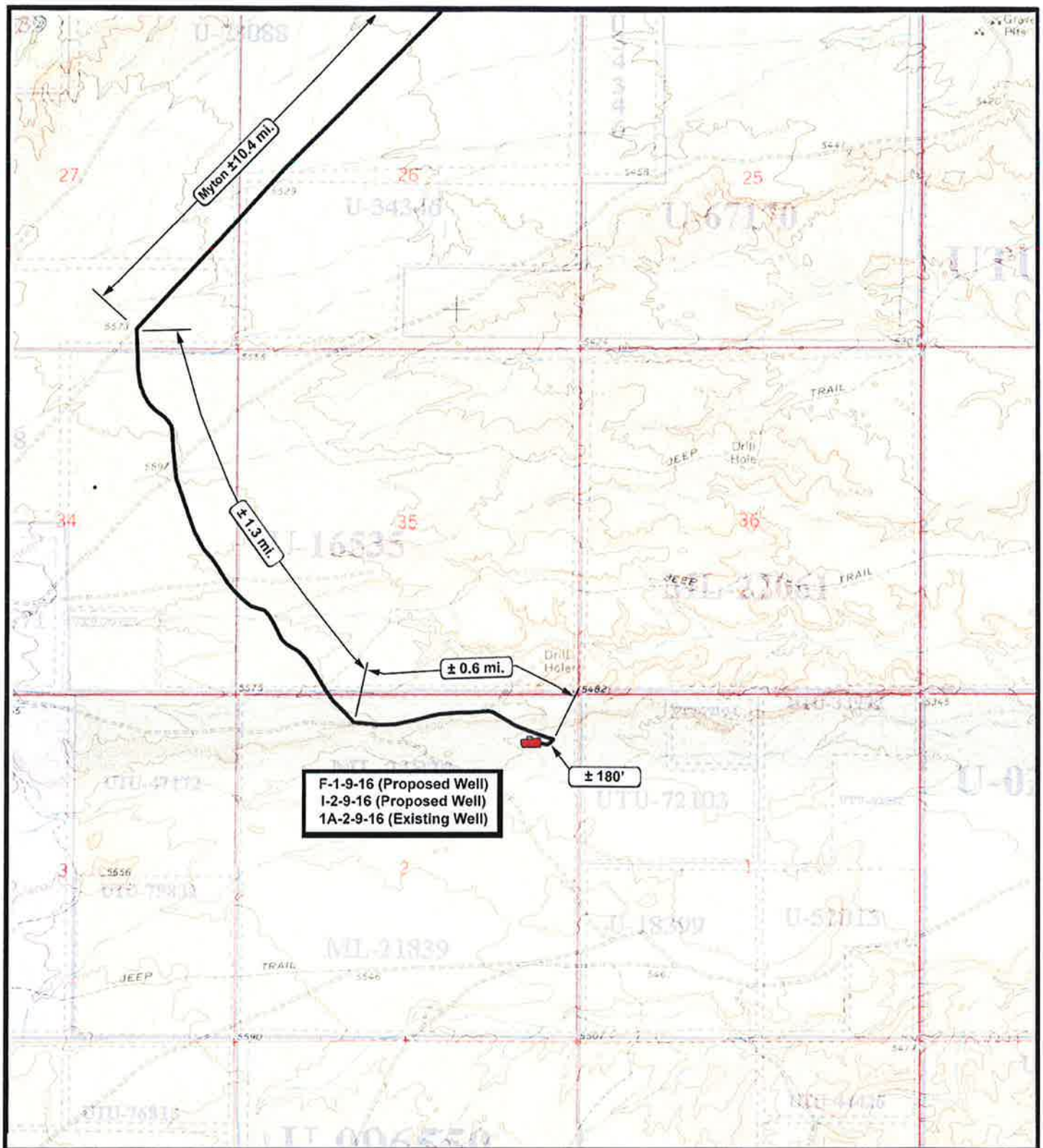
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-15-2010

Legend

Existing Road

TOPOGRAPHIC MAP
"A"

'APIWellNo:43013502240000'



NEWFIELD Exploration Company

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)
Pad Location NENE SEC. 2, T9S, R16E, S.L.B.&M.

N

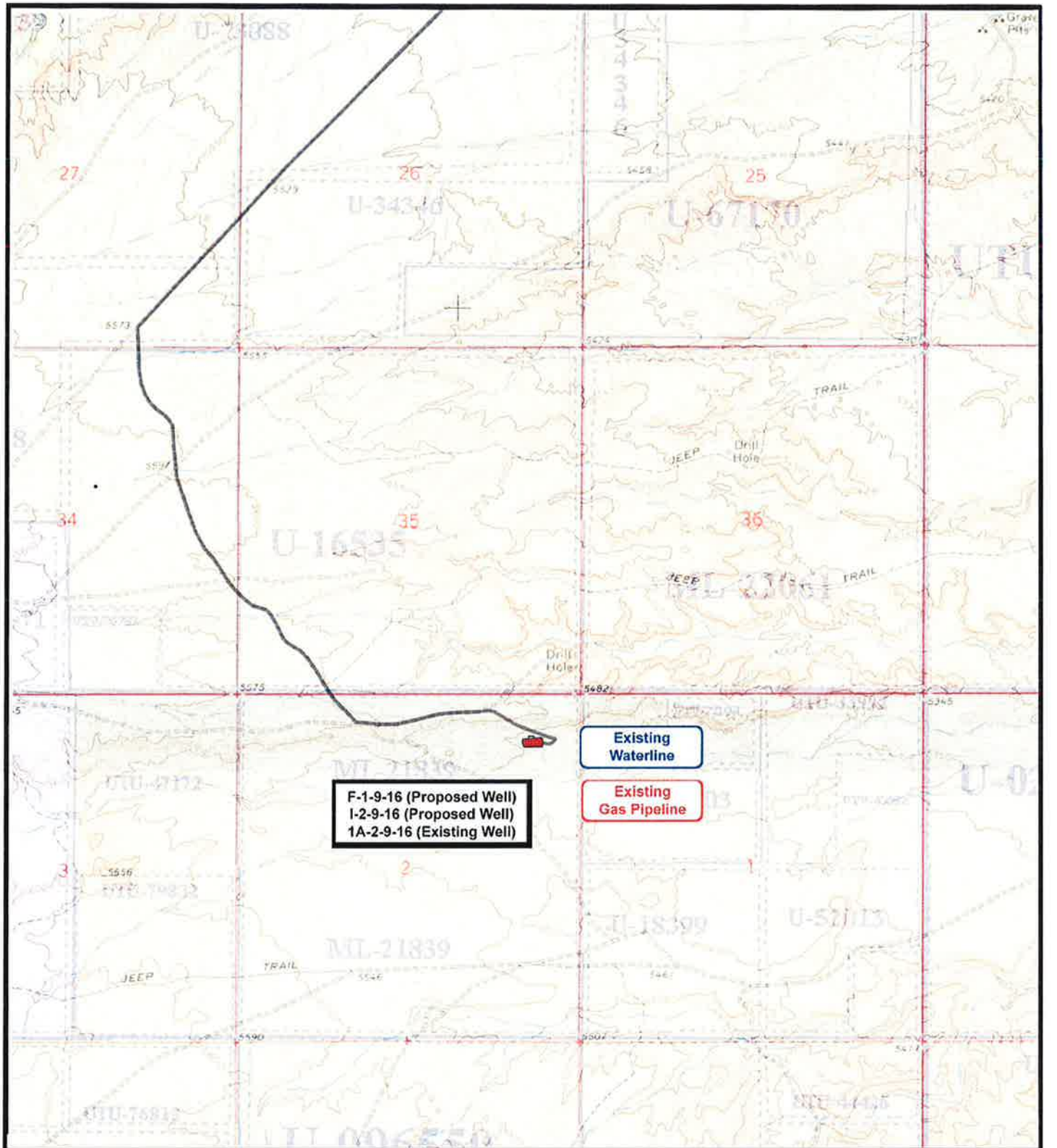
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-15-2010

Legend
Existing Road

TOPOGRAPHIC MAP "B"

'APIWellNo:43013502240000'



NEWFIELD Exploration Company

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)
Pad Location NENE SEC. 2, T9S, R16E, S.L.B.&M.

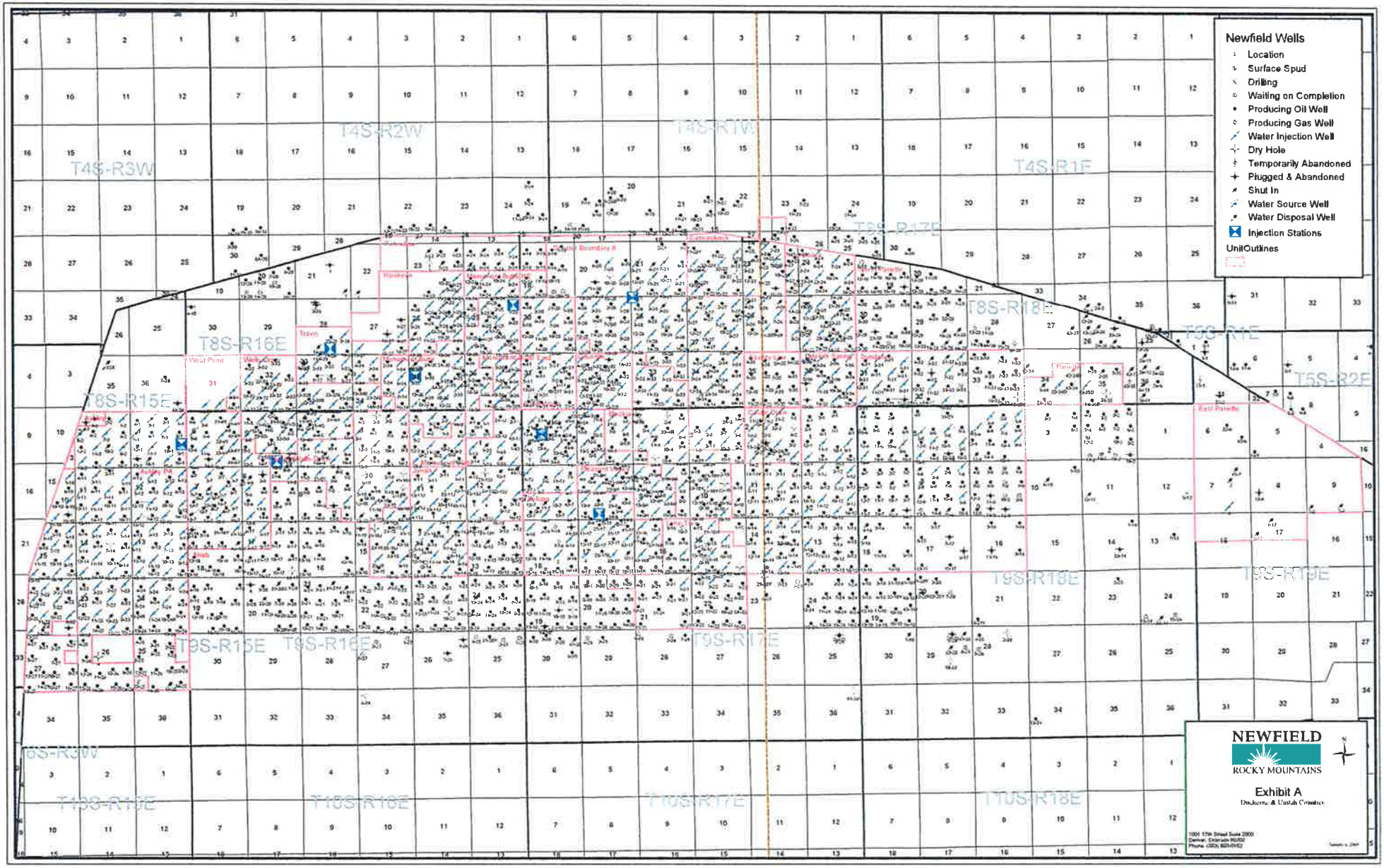
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-15-2010

Legend
Roads

TOPOGRAPHIC MAP "C"



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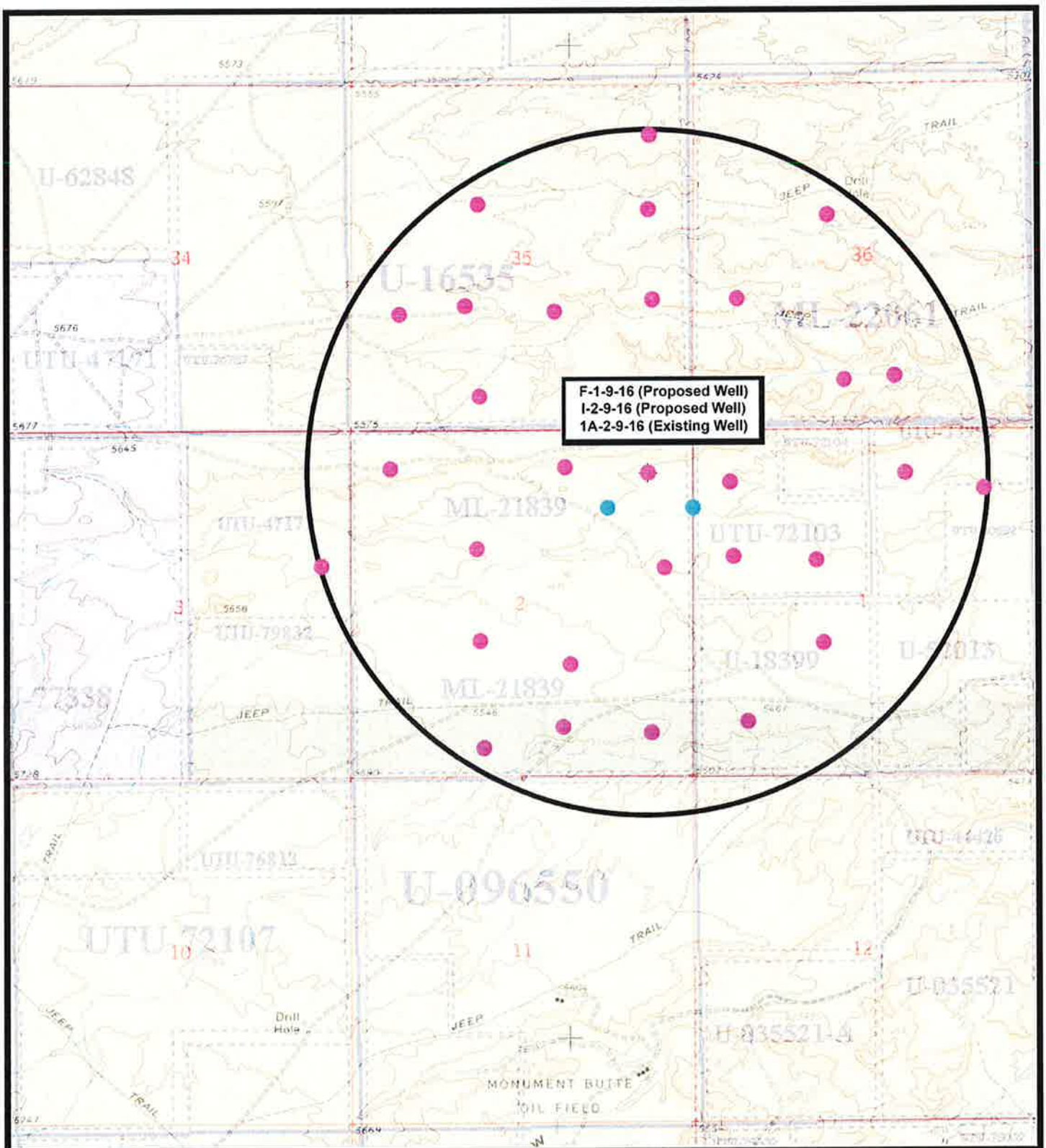


NEWFIELD
Exploration Company

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)
Pad Location NENE SEC. 2, T9S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-15-2010

Legend
- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE F-1-9-16
AT SURFACE: NE/NE SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Greater Monument Butte F-1-9-16 located in the NE ¼ NE ¼ Section 2, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 ± miles to the junction of this highway and Utah State Highway 53; proceed southeasterly approximately 6.2 miles ± to its junction with an existing road to the southwest; proceed southwesterly approximately 2.8 miles ± to its junction with an existing road to the southeast; proceed southeasterly approximately 1.3 miles ± to its junction with an existing road to the east; proceed easterly approximately 0.6 miles ± to it's junction with the beginning of the access road to the existing 1A-2-9-16 well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

The is no proposed access road for this location. The proposed well will be drilled off of the existing 1A-2-9-16 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. LOCATION OF EXISTING WELLS

Refer to **EXHIBIT B**.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the existing 1A-2-9-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed F-1-9-16.

It is anticipated that this well will be a producing oil well.

There are no existing facilities that will be used by this well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Greater Monument Butte F-1-9-16 will be drilled off of the existing 1A-2-9-16 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Greater Monument Butte F-1-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Greater Monument Butte F-1-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

'APIWellNo:43013502240000'

Representative

Name:	Tim Eaton
Address:	Newfield Production Company Route 3, Box 3630 Myton, UT 84052
Telephone:	(435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #F-1-9-16, NE/NE Section 2, T9S, R16E, LEASE #ML-21839, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

1/21/09
Date

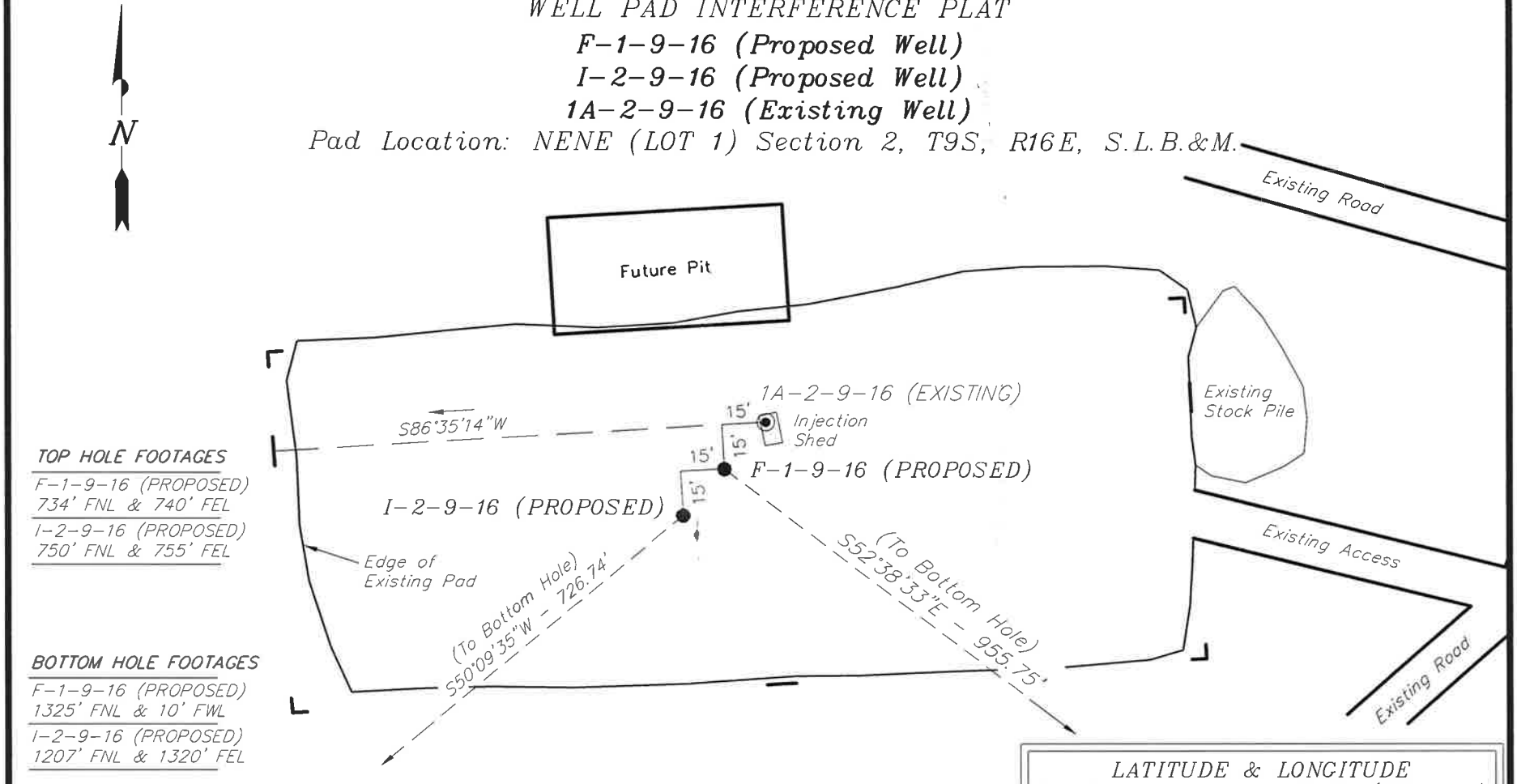
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)

Pad Location: NENE (LOT 1) Section 2, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

F-1-9-16 (PROPOSED)
734' FNL & 740' FEL

I-2-9-16 (PROPOSED)
750' FNL & 755' FEL

BOTTOM HOLE FOOTAGES

F-1-9-16 (PROPOSED)
1325' FNL & 10' FWL

I-2-9-16 (PROPOSED)
1207' FNL & 1320' FEL

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
F-1-9-16	40° 03' 54.45"	110° 04' 47.52"
I-2-9-16	40° 03' 54.30"	110° 04' 47.70"
1A-2-9-16	40° 03' 54.61"	110° 04' 47.33"

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
F-1-9-16	-580'	760'
I-2-9-16	-483'	-602'

SURVEYED BY:	T.P.	DATE SURVEYED:	09-02-09
DRAWN BY:	M.W.	DATE DRAWN:	09-15-09
SCALE:	1" = 50'	REVISED:	M.W. 01-15-10

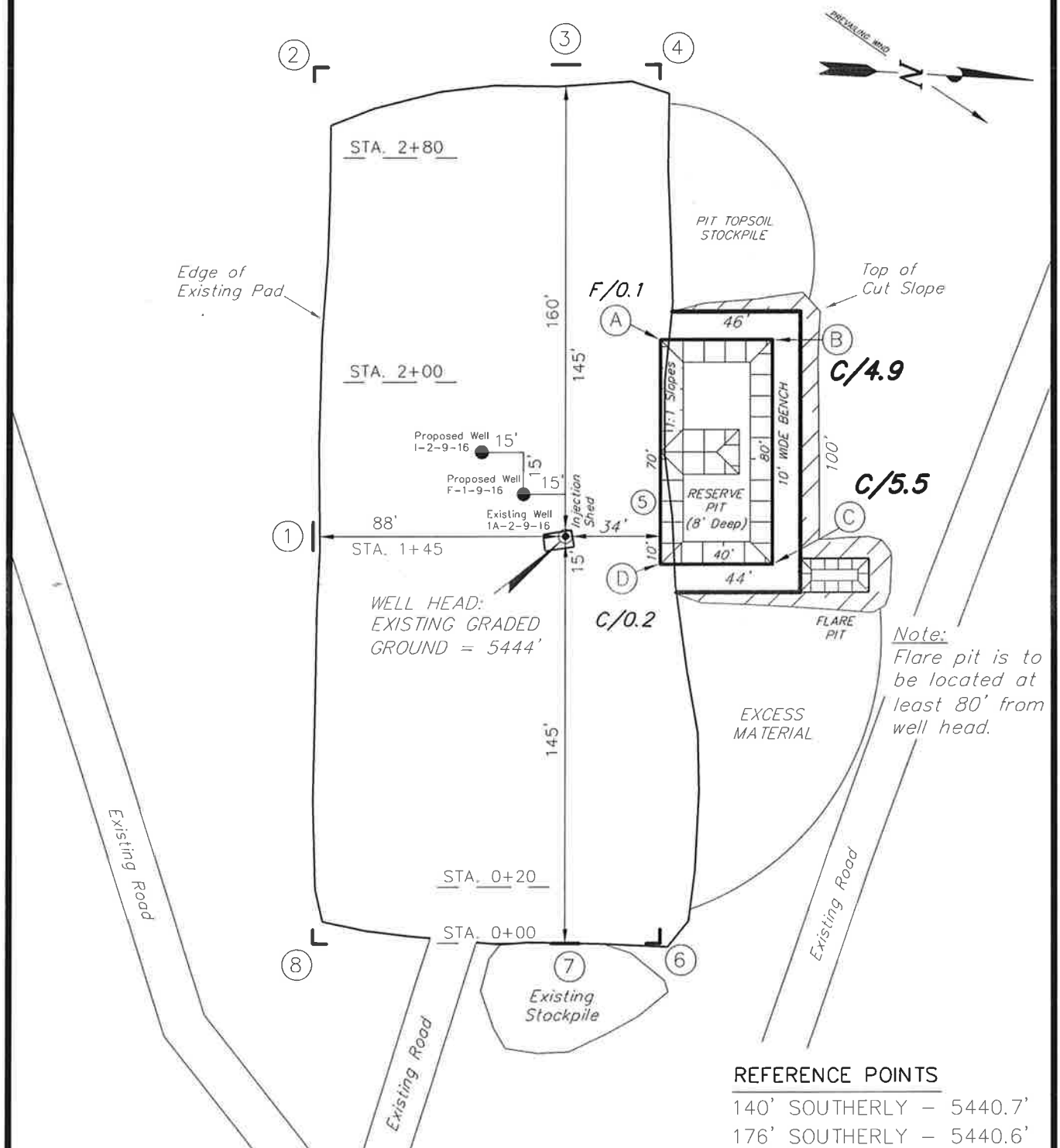
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43013502240000'

NEWFIELD PRODUCTION COMPANY

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)

Pad Location: NENE (LOT 1) Section 2, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

140' SOUTHERLY – 5440.7'
176' SOUTHERLY – 5440.6'

SURVEYED BY:	T.P.	DATE SURVEYED:	09-25-09
DRAWN BY:	M.W.	DATE DRAWN:	10-14-09
SCALE:	1" = 50'	REVISED:	M.W. 01-15-10

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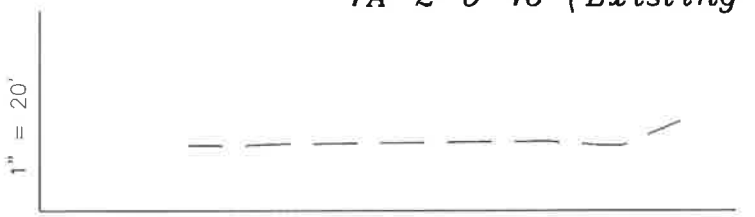
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

'APIWellNo:43013502240000'

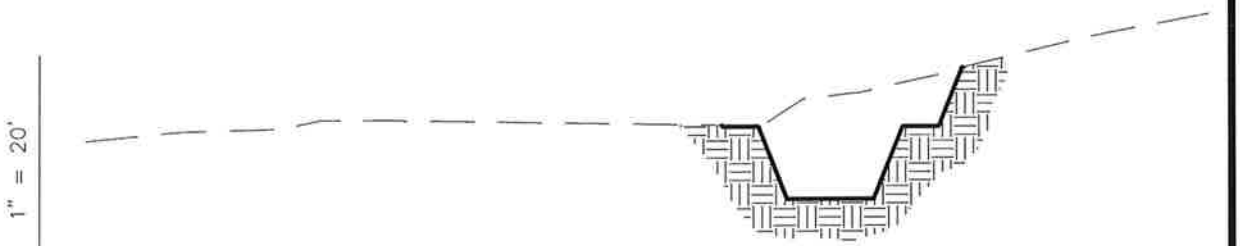
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)



STA. 2+80



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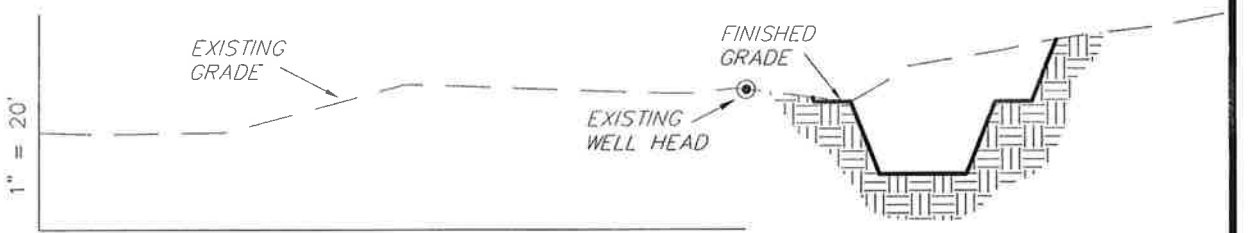
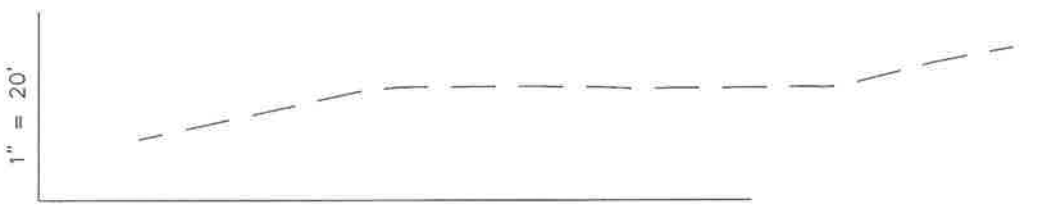


STA. 1+45



STA. 0+20

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	790	0	Topsoil is not included in Pad Cut	790
PIT	640	0		640
TOTALS	1,430	0	150	1,430

SURVEYED BY: T.P.	DATE SURVEYED:	09-25-09	
DRAWN BY: M.W.	DATE DRAWN:	10-14-09	
SCALE: 1" = 50'	REVISED:	M.W. 01-15-10	

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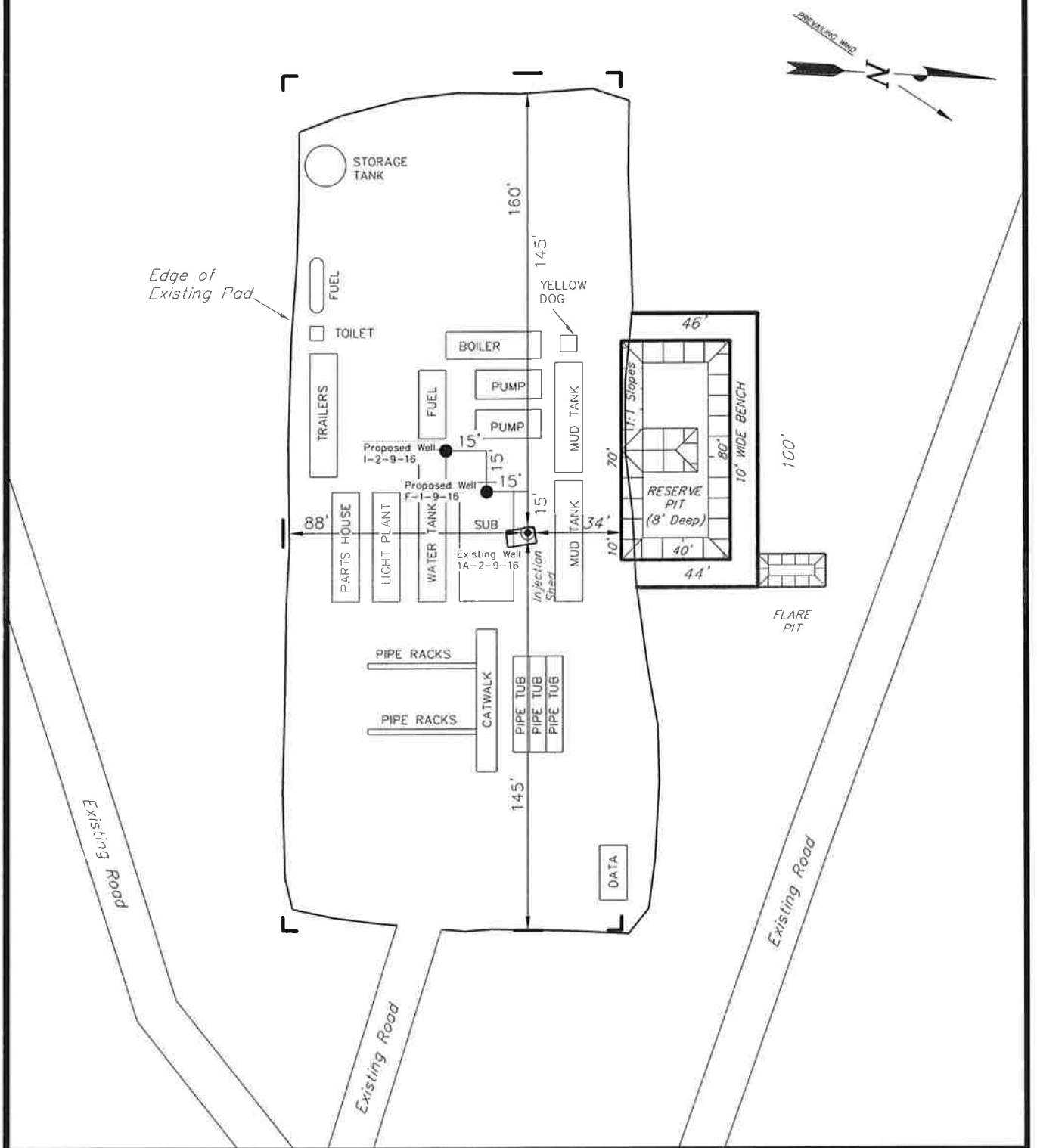
'APIWellNo:43013502240000'

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

F-1-9-16 (Proposed Well)
I-2-9-16 (Proposed Well)
1A-2-9-16 (Existing Well)



SURVEYED BY:	T.P.	DATE SURVEYED:	09-25-09
DRAWN BY:	M.W.	DATE DRAWN:	10-14-09
SCALE:	1" = 50'	REVISED:	M.W. 01-15-10

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'APIWellNo:43013502240000'

Newfield Production Company
Proposed Site Facility Diagram

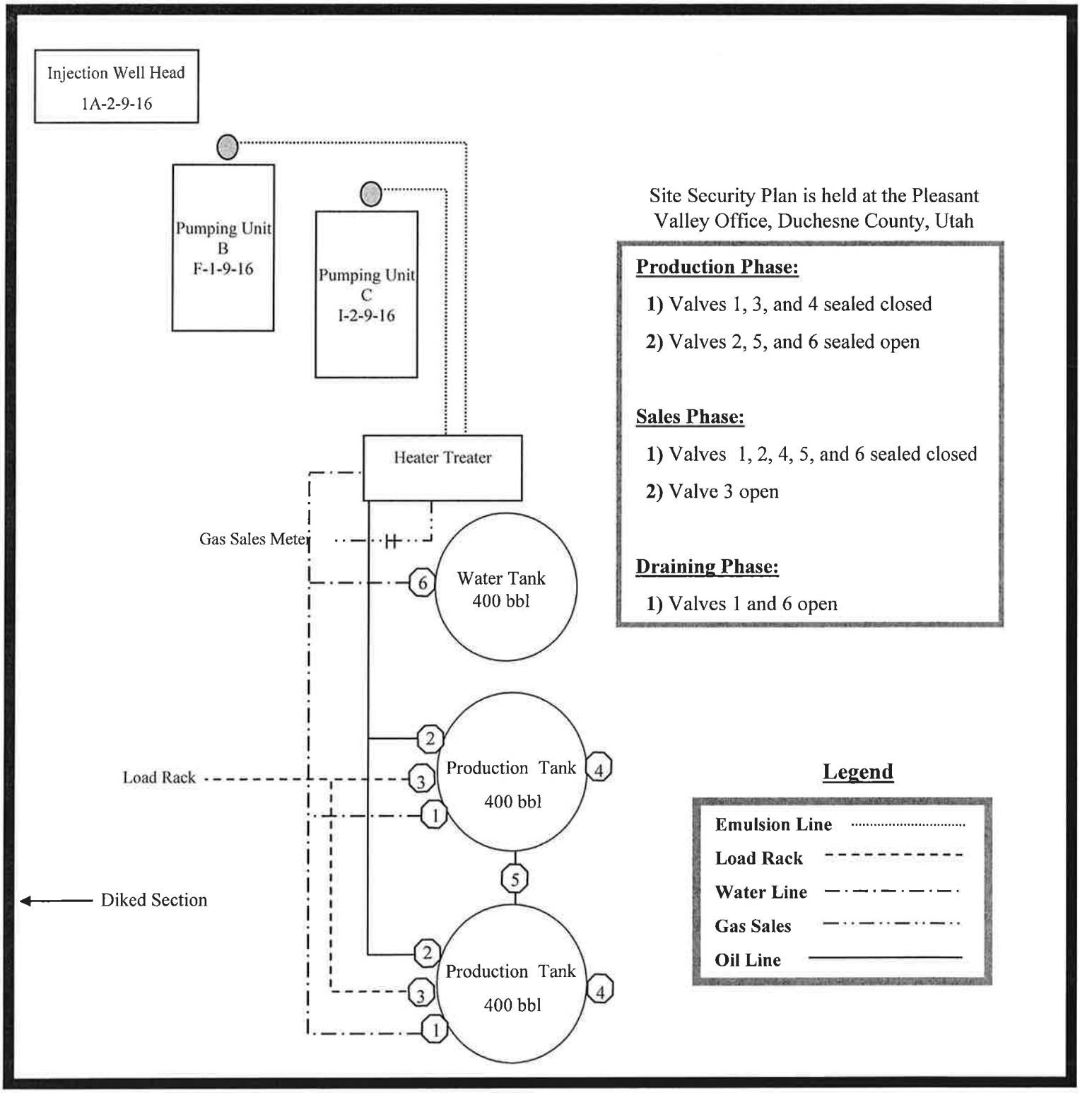
Greater Monument Butte F-1-9-16

From the 1A-2-9-16 Location

NE/NE (Lot #1) Sec. 2 T9S, R16E

Duchesne County, Utah

ML-21839



'APIWellNo:43013502240000'

NEWFIELD

Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

January 21, 2010

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill
Greater Monument Butte F-1-9-16

Dear Diana:

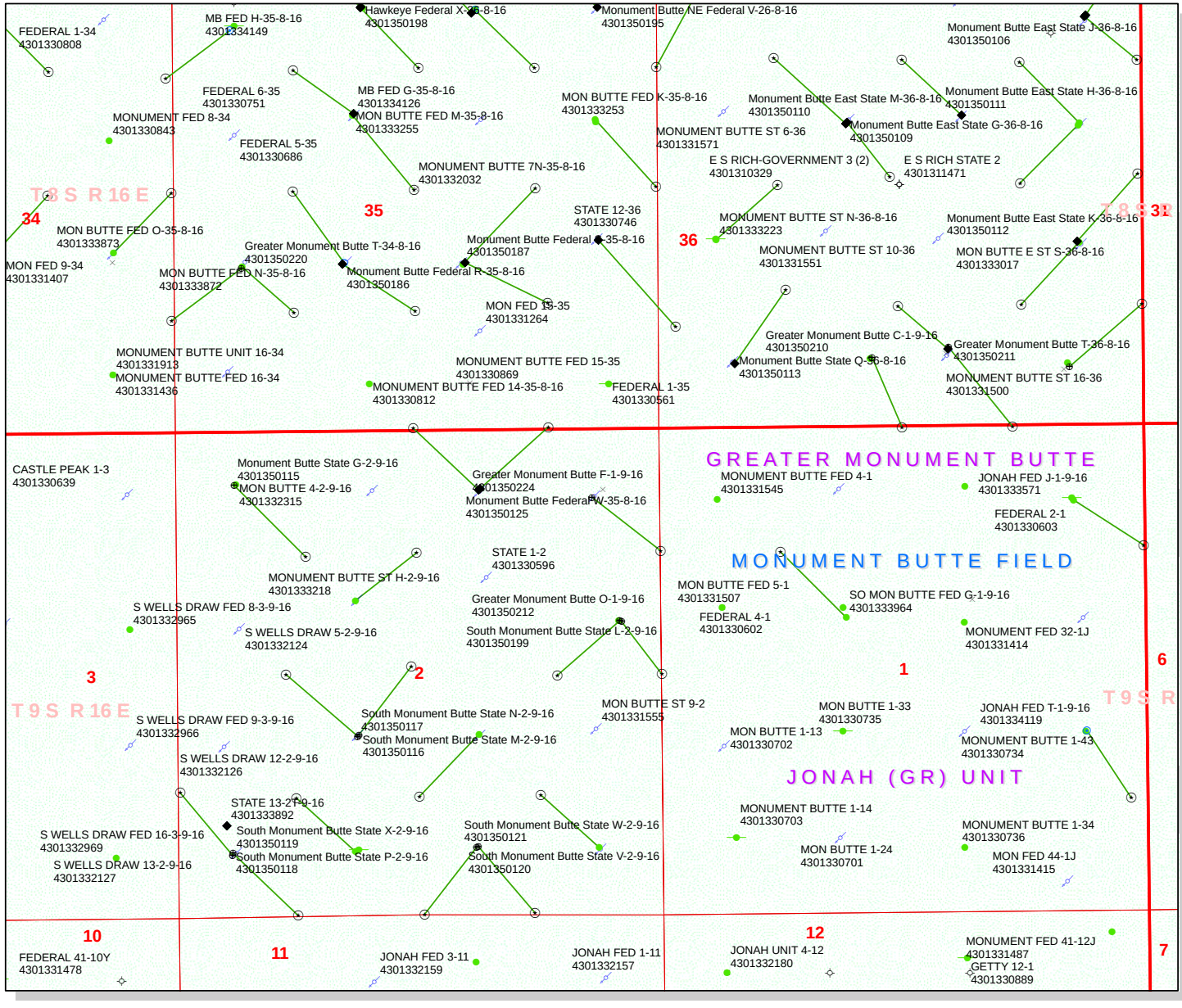
The majority of production for the F-1-9-16 will be produced from Lease ML-21839, therefore this well was permitted as a State Surface/State Mineral. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

'APIWellNo:43013502240000'



API Number: 4301350224

Well Name: Greater Monument Butte F-1-9-16

Township 09.0 S Range 16.0 E Section 2

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units

STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERM
- PP OIL
- SECONDARY
- TERMINATED

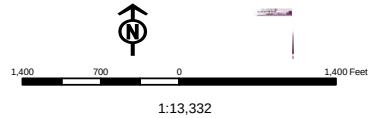
Fields

STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query

<all other values>

Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well



1:13,332

'APIWellNo:43013502240000'

NEWFIELD
ROCKY MOUNTAINS

2296

January 22, 2010

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Greater Monument Butte F-1-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 2: NENE (ML-21839)
734' FNL 740' FEL

At Target: T9S-R16E Section 1: SWNW (UTU-72103)
1325' FNL 10' FWL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 1/21/10, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield Certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

RECEIVED
JAN 28 2010
DIV. OF OIL, GAS & MINING

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

'APIWellNo:43013502240000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

February 1, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50224	GMBU F-1-9-16	Sec 02 T09S R16E 0734 FNL 0740 FEL BHL Sec 01 T09S R16E 1325 FNL 0010 FWL
43-013-50225	GMBU H-34-8-16	Sec 34 T08S R16E 1981 FNL 2021 FEL BHL Sec 34 T08S R16E 1320 FNL 2630 FWL
43-013-50226	GMBU M-34-8-16	Sec 34 T08S R16E 1980 FNL 2000 FEL BHL Sec 34 T08S R16E 2640 FNL 2640 FEL
43-013-50231	GMBU T-24-8-16	Sec 19 T08S R17E 1928 FSL 0623 FWL BHL Sec 24 T08S R16E 1395 FSL 0010 FEL
43-013-50232	GMBU P-24-8-16	Sec 24 T08S R16E 0644 FSL 0646 FWL BHL Sec 24 T08S R16E 1320 FSL 0010 FWL
43-013-50233	GMBU E-25-8-16	Sec 24 T08S R16E 0629 FSL 0631 FWL BHL Sec 25 T08S R16E 0010 FNL 0010 FWL
43-013-50234	GMBU D-25-8-16	Sec 24 T08S R16E 0629 FSL 1951 FWL BHL Sec 25 T08S R16E 0010 FNL 1310 FWL
43-013-50235	GMBU J-25-8-16	Sec 25 T08S R16E 1948 FNL 0633 FEL BHL Sec 25 T08S R16E 1320 FNL 0010 FEL

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50236	GMBU O-25-8-16	Sec 26 T08S R16E 1928 FNL 0680 FEL BHL Sec 25 T08S R16E 2630 FNL 0010 FWL
43-013-50237	GMBU O-26-8-16	Sec 26 T08S R16E 1996 FNL 0648 FWL BHL Sec 26 T08S R16E 2640 FNL 0000 FWL
43-013-50238	GMBU S-26-8-16	Sec 26 T08S R16E 0483 FSL 0660 FEL BHL Sec 26 T08S R16E 1310 FSL 1310 FEL
43-013-50239	GMBU S-27-8-16	Sec 27 T08S R16E 2002 FSL 0657 FEL BHL Sec 27 T08S R16E 1310 FSL 1330 FEL
43-013-50240	GMBU S-34-8-16	Sec 34 T08S R16E 1994 FSL 1940 FEL BHL Sec 34 T08S R16E 1310 FSL 1310 FEL
43-013-50241	GMBU T-25-8-16	Sec 30 T08S R17E 1940 FSL 0645 FWL BHL Sec 25 T08S R16E 1280 FSL 0010 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-1-10

BOPE REVIEW NEWFIELD PRODUCTION COMPANY r Monument Butte F-1-9-16 43013502240000

Well Name	NEWFIELD PRODUCTION COMPANY Greater Monument Butte F-1-9-16 4			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	350	6215		
Previous Shoe Setting Depth (TVD)	0	350		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2691	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	151	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	109	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	74	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	74	NO OK
Required Casing/BOPE Test Pressure=		350	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BPH (psi)	.052*Setting Depth*MW=	2682	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1936	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1315	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1392	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		350	psi *Assumes 1psi/ft frac gradient

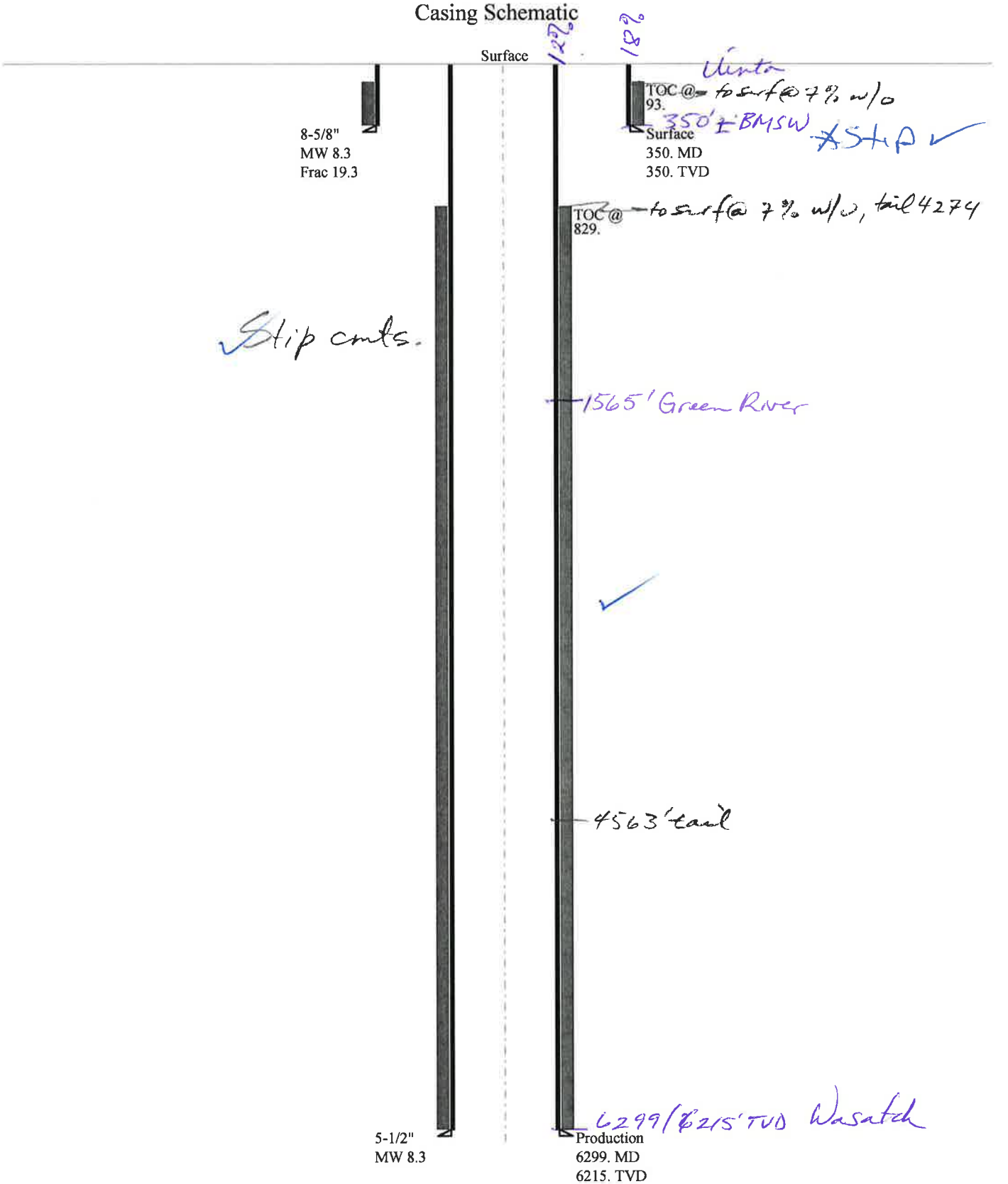
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

'APIWellNo:43013502240000'

43013502240000 Greater Monument Butte F-1-9-16

Casing Schematic



'APIWellNo:43013502240000'

Well name:	**43013502240000 Greater Monument Butte F-1-9-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-50224
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 308 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 350 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 306 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 93 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,215 ft
Next mud weight: 8.300 ppg
Next setting BHP: 2,680 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 350 ft
Injection pressure: 350 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	350	8.625	24.00	J-55	ST&C	350	350	7.972	1802

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	151	1370	9.046	350	2950	8.43	8.4	244	29.05 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 17,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 350 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

'APIWellNo:43013502240000'

Well name:	**43013502240000 Greater Monument Butte F-1-9-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-50224
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,322 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,689 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,503 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 161 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 829 ft

Directional Info - Build & Hold
Kick-off point 600 ft
Departure at shoe: 956 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 10.28 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6299	5.5	15.50	J-55	LT&C	6215	6299	4.825	22242

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2689	4040	1.502	2689	4810	1.79	96.3	217	2.25 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 17,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6215 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

'APIWellNo:43013502240000'

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Mason, Diana
Date: 4/20/2010 11:51 AM
Subject: Well approvals (2)

The following wells have been approved by SITLA, including arch and paleo clearance.

EOG's CWU 778-32 (4304750725) and

Newfield's Greater Monument Butte F-1-9-16 (4301350224)

Thanks.
-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY						
Well Name	Greater Monument Butte F-1-9-16						
API Number	43013502240000	**APD No**	2296	**Field/Unit**	MONUMENT BUTTE		
Location: 1/4,1/4	NENE **Sec** 2 **Tw** 9.0S **Rng** 16.0E	734	FNL	740	FEL		
GPS Coord (UTM)		**Surface Owner**					

Participants

Floyd Bartlett (DOGM), Tim Eaton and Brian Foote (Newfield Production Co.), Cory Miller and Tyson Reary (Tri State Land Surveying), Alex Hansen (Division of Wildlife Resources), Jim Davis (SITLA) and James Hereferd (Bureau Of Land Management).

Regional/Local Setting & Topography

Two additional oil wells (Greater Monument Butte I-2-9-16 and Greater Monument Butte F-1-9-16) are proposed to be directionally drilled from the existing pad of the Monument Butte 1A-2-9-16 which is a water injection well. No significant changes to the previously disturbed area of the existing pad are planned. The existing pad appears to be stable and should be acceptable for drilling and operating the additional wells. The surface of the location and minerals are owned by SITLA. The wells are on a 20-acre spacing.

Surface Use Plan

Current Surface Use
Wildlfe Habitat
Existing Well Pad

New Road Miles	**Well Pad**	**Src Const Material**	**Surface Formation**
0	**Width** 158 **Length** 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Existing location.

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required?

Berm Required? Y

Erosion Sedimentation Control Required?

Paleo Survey Run? **Paleo Potental Observed?** **Cultural Survey Run?** Y **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	75 to 100	10	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	45	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug near the original location on the north side of the pad. Its dimensions are 80' x 40' x 8' deep. A 16-mil liner and a sub-liner are required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	12/15/2009
Evaluator	**Date / Time**

'APIWellNo:43013502240000'

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2296	43013502240000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**		
Well Name	Greater Monument Butte F-1-9-16		**Unit**	GMBU (GRRV)	
Field	MONUMENT BUTTE		**Type of Work**	DRILL	
Location	NENE 2 9S 16E S 734 FNL 740 FEL		GPS Coord (UTM)	578532E 4435180N	

Geologic Statement of Basis

Newfield proposes to set 350' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 350'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a major source of useable ground water. However, ground water in the Uinta Formation should be of sufficient quality and quantity for isolated domestic and agricultural use and should be protected. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill	1/28/2010
APD Evaluator	**Date / Time**

Surface Statement of Basis

Two additional oil wells (Greater Monument Butte I-2-9-16 and Greater Monument Butte F-1-9-16) are proposed to be directionally drilled from the existing pad of the Monument Butte 1A-2-9-16 which is a water injection well. No significant changes to the previously disturbed area of the existing pad are planned. The existing pad appears to be stable and should be acceptable for drilling and operating the additional wells. The surface of the location and minerals are owned by SITLA. The wells are on a 20-acre spacing.

Jim Davis of SITLA attended. He was in agreement with the proposal. SITLA is to be contacted for surface reclamation standards.

Alex Hansen of the Utah Division of Wildlife resources also attended the evaluation. He stated that no significant impacts to wildlife should occur.

Floyd Bartlett	12/15/2009
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/21/2010 **API NO. ASSIGNED:** 43013502240000

WELL NAME: Greater Monument Butte F-1-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NENE 2 090S 160E **Permit Tech Review:** ☑

SURFACE: 0734 FNL 0740 FEL **Engineering Review:** ☑

BOTTOM: 1325 FNL 0010 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.06511 **LONGITUDE:** -110.07915

UTM SURF EASTINGS: 578532.00 **NORTHINGS:** 4435180.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 3 - State

LEASE NUMBER: ML-21839 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
15 - Directional - dmason
25 - Surface Casing - ddoucet
27 - Other - bhill

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Greater Monument Butte F-1-9-16
API Well Number: 43013502240000
Lease Number: ML-21839
Surface Owner: STATE
Approval Date: 4/22/2010

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

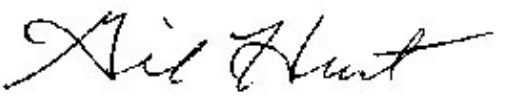
Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Gil Hunt
Associate Director, Oil & Gas

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #21
Submitted By Mitch Benson Phone Number (435) 823-5885
Name/Numer Greater Monument Butte F-1-9-16
Qtr/Qrt NE/NE Section 2 Township 9S Range 16E
Lease Serial Number ML-21839
API Number 43-013-50224

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 6/30/2010 9:00:00 AM

Casing – Please report time casing run starts, not cementing times.

X Surface Casing
Intermediate
Production Casing
Liner
Other

Date/Time 6/30/2010 5:00:00 PM

Remarks:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-21839

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: GMBU

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: MON BUTTE F-1-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301350224

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: 1, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
07/04/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/30/10 MIRU Ross rig # 21.Spud well @ 8:00 AM. Drill 400' of 12 1/4" hole with air mist. TIH W/ 9 Jt's 8 5/8" J-55 24 # csgn. Set @ 401.64 KB On 7/2/10 cement with 200 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Alvin Nielsen TITLE Drilling Foreman

SIGNATURE Alvin Nielsen DATE 07/04/2010

(This space for State use only)

RECEIVED
JUL 12 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **401.64**

LAST CASING **8 5/8"** SET AT **401.64**
DATUM **13**
DATUM TO CUT OFF CASING **13**
DATUM TO BRADENHEAD FLANGE **13**
TD DRILLER **400** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **MON BUTTE F-1-9-16**
FIELD/PROSPECT **Monumont Butte**
CONTRACTOR & RIG # **Ross rig # 21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Weatherford well head				A	0.95
9	8 5/8"	ST&C casing	24	J-55	STC	A	388.79
1	8 5/8"	Guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	390.64	9
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	0
TOTAL	388.79	9
TOTAL CSG. DEL. (W/O THRDS)	388.79	9
TIMING		
BEGIN RUN CSG. Spud	8:00 AM	6/30/2010
CSG. IN HOLE	6:00 PM	6/30/2010
BEGIN CIRC	1:07 PM	7/2/2010
BEGIN PUMP CMT	1:14 PM	7/2/2010
BEGIN DSPL. CMT	1:25 PM	7/2/2010
PLUG DOWN	**1:35 PM**	**7/2/2010**

TOTAL LENGTH OF STRING	390.64
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	13
CASING SET DEPTH	**401.64**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 7
RECIPROCATED PIPI No

BUMPED PLUG TO 395

CEMENT USED		CEMENT COMPANY- **BJ**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	200	15.8 ppg 1.17 yeild G+2%CaCl
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle first, top second & Third for a total of 3		

COMPANY REPRESENTATIVE **Mitch Benson** DATE **7/3/2010**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350126	GREATER BOUNDARY II FED R-21-8-17	NWSE	21	8S	17E	DUCHESNE	6/29/2010	7/26/10

WELL 1 COMMENTS:
GRRV BHL = SWSE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350224	GREATER MONUMENT BUTTE F-1-9-16	NENE	2 1	9S	16E	DUCHESNE	6/30/2010	7/26/10

GRRV BHL = Sec1 SWNW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	17400 ✓	4301350244	GREATER MONUMENT BUTTE I-2-9-16	NENE	2	9S	16E	DUCHESNE	6/29/2010	7/26/10

GRRV BHL = NENE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
A - l new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
JUL 12 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
07/01/10
Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:	
USA UTU-72103	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
GMBU	
8. WELL NAME and NUMBER:	
GREATER MONUMENT BUTTE F1-9-16	
9. API NUMBER:	
4301350224	
10. FIELD AND POOL, OR WILDCAT:	
GREATER MB UNIT	

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:
COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 1, T9S, R16E 9S 16E 2
STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
08/02/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 08-02-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE Lucy Chavez-Naupoto DATE 08/03/2010

(This space for State use only)

RECEIVED
AUG 19 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON BUTTE F-1-9-16

5/1/2010 To 9/30/2010

7/22/2010 Day: 1 **Completion**

Rigless on 7/22/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6238' cement top @ 64'. Perforate CP4/CP3/CP.5 sds as shown in perforation report. 150 BWTR. SWIFN.

Daily Cost: $0

Cumulative Cost: $12,744

7/26/2010 Day: 2 **Completion**

Rigless on 7/26/2010 - Frac well. Flow well back. - Stage #2; RU Perforators LLC WLT, crane & lubricator. RIH W/ Weatherford 5-2/1" (6K) composite flow through frac plug & perf gun. Set plug @ 5540'. Perferate LODC sds @ 5432-37' w/ 3-1/8" Port Gun (11 gram, .36"EH, 120°, 16.82"pen) w/ 3 spf for total of 15 shots. RU BJ & open well w/ 1801 psi on casing. Perfs broke down @ 2174 psi back to 2084 w/ 2 bbls @ 4 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 14,706#'s of 20/40 sand in 292 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3004 @ ave rate of 27 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2167 w/ .83FG. 5 min was 1974. 10 min was 1928. 15 min was 1911. Leave pressure on well. 894 bbls EWTR. - Stage #3; RU WLT. RIH W/ frac plug & perf gun. Set plug @ 5160'. Perferate C sds @ 5069-72', 5054-58' w/ 3 spf for total of 21 shots. RU BJ & open well w/ 1723 psi on casing. Perfs broke down @ 1798 psi back to 1800 w/ 2 bbls @ 4 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 24,697#'s of 20/40 sand in 364 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2764 @ ave rate of 38 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1913 w/ .81FG. 5 min was 1752. 10 min was 1721. 15 min was 1709. Leave pressure on well. 1258 bbls EWTR. - Stage #1; RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 1152 psi on casing. Perfs broke down @ 3600 psi back to 2664 w/ 4 bbls @ 4 bpm. ISIP was 2044 w/ .78FG. 1 min was 1913. 4 min was 1489. Pump 6 bbls of 15% HCL acid (had 700 psi drop when hit perfs). Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 29,345#'s of 20/40 sand in 453 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2764 @ ave rate of 44 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2108 w/ .79FG. 5 min was 1912. 10 min was 1895. 15 min was 1875. Leave pressure on well. 602 bbls EWTR. - Stage #4; RU WLT. RIH W/ frac plug & perf guns. Set plug @ 5010'. Perferate D2 sds @ 4988-92', 4955-57', D1 sds @ 4915-20' w/ 3 spf for total of 33 shots. RU BJ & open well w/ 1623 psi on casing. Perfs broke down @ 2472 psi back to 2028 w/ 2 bbls @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 45,001#'s of 20/40 sand in 444 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2745 @ ave rate of 44 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2449 w/ .93FG. 5 min was 2203. 10 min was 2043. 15 min was 1939. Leave pressure on well. 1702 bbls EWTR. - Stage #5; RU WLT. RIH W/ frac plug & perf gun. Set plug @ 4520'. Perferate GB6 sds @ 4412-20', GB4 sds 4374-78', 4364-66' w/ 3 spf for total of 42 shots. RU BJ & open well w/ 1624 psi on casing. Perfs broke down @ 1686 psi back to 1650 w/ 2 bbls @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 78,529#'s of 20/40 sand in 640 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2265 @ ave rate of 44 bpm w/ 8 ppg of sand. ISIP was 2200 w/ .93FG. 5 min was 2080. 10 min was 2045. 15 min was 2020. RD BJ & WLT. 2342 bbls EWTR. Flow well back. Well flowed for 6 hours & turned to oil & gas. 1392 bbls EWTR.

Daily Cost: $0

Cumulative Cost: $104,487

7/27/2010 Day: 3 **Completion**

WWS #5 on 7/27/2010 - MIRUSU. Set kill plug. - MIRUSU. Open well w/ 1400 psi on casing. RU hot oiler & pump 13 bbls wter down casing. RU WLT & lubricator. Set Weatherford composite solid plug @ 4310'. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill w/ x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5, 8EUE tbg to leave EOT @ 3180'. SIFN w/ 1392 bbls EWTR.
Daily Cost: $0
Cumulative Cost: $151,122

7/28/2010 Day: 4 **Completion**

WWS #5 on 7/28/2010 - PU tbg. Drlg plugs. C/O to PBTD. Flow well. - Continue PU tbg & TIH. Tag plug @ 4310'. RU pump, swivel & tanks. Drlg out plug in 42 minutes. TIH w/ tbg to tag plug @ 4520'. Continue TIH w/ tbg & drlg plugs. Tag fill @ 6136'. C/O to PBTD @ 6281'. LD 2 jts tbg. RU well to flowed 60 bbls in 1 hour. Left flowing up flow line over night. 1112 bbls EWTR.
Daily Cost: $0
Cumulative Cost: $156,349

7/29/2010 Day: 5 **Completion**

WWS #5 on 7/29/2010 - Kill well. TIH w/ procuction. - Open well w/ 650 psi on casing. Well flowed 600 bbls over night. Pump 140 bbls water down tbg. Pump 210 bbls brine water down tbg. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA Cntrl Hydrlc w/ 45,000# shear, 189 jts tbg. Pump 180 bbls of brine. RD BOP's. Set TA @ 5948' w/ 18,000#'s tension w/ SN @ 5979', W/ EOT @ 6046'. PU & prime pump. TIH w/ 2-1/2" x 1-3/4" x 17' x 24' Cntrl Hydrlc w/ 224" SL RHAC pump, 4- 1-1/2" weight rods, 150- 7/8" guided (8per), 1-1/2" x 30' polish rod. SIFN w/ 670 bbls EWTR.
Daily Cost: $0
Cumulative Cost: $162,389

8/2/2010 Day: 6 **Completion**

WWS #5 on 8/2/2010 - PU rods. Put well on pump. - Open well w/ 850 psi on casing. Continue PU rods & TIH w/ totla of 234- 7/8" guided rods, 2' x 7/8" pony rod, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 9:30 AM @ 5 spm w/ 144"SL w/ 620 bbls EWTR. Final Report. **Finalized**
Daily Cost: $0
Cumulative Cost: $215,222

Pertinent Files: Go to File List

API Well No: 43013502240000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-21839

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GREATER MON BUTTE F-1-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013502240000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0734 FNL 0740 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/28/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Change of Lease

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above mentioned directional well was drilled into an adjacent Federal Mineral Lease, therefore the BLM has requested that the Lease Number be changed to Lease UTU-72103.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

September 07, 2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 7/28/2010

RECEIVED July 28, 2010

NEWFIELD
ROCKY MOUNTAINS

July 29, 2010

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Greater Monument Butte F-1-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 2: NENE (Lot 1) (ML-21839)
734' FNL 740' FEL

At Target: T9S-R16E Section 1: SWNW (UTU-72103)
1475' FNL 186' FWL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 723/2010, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield Certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 07, 2010

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

RECEIVED July 28, 2010

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-72103

6. If Indian, Allotee or Tribe Name: NA

1a. Type of work: [✓] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.: Greater Monument Butte

1b. Type of Well: [✓] Oil Well [ ] Gas Well [ ] Other [✓] Single Zone [ ] Multiple Zone

8. Lease Name and Well No.: Greater Monument Butte F-1-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-50224

3a. Address: Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*: (435) 646-3721

10. Field and Pool, or Exploratory: Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: NE/NE (LOT #1) 734' FNL 740' FEL Sec. 2, T9S R16E (ML-21839)

At proposed prod. zone: SW/NW 1475' FNL 186' FWL Sec. 1,T9S R16E (UTU-72103)

11. Sec., T. R. M. or Blk. and Survey or Area: Sec. 2, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximately 12.4 miles south of Myton, UT

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
Approx. 186' f/lse, NA' f/unit	120.10	20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
Approx. 989'	6,319'	WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
5444' GL	NA	(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mandie Crozier	Mandie Crozier	7/23/10

Title: Regulatory Specialist

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

September 07, 2010

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

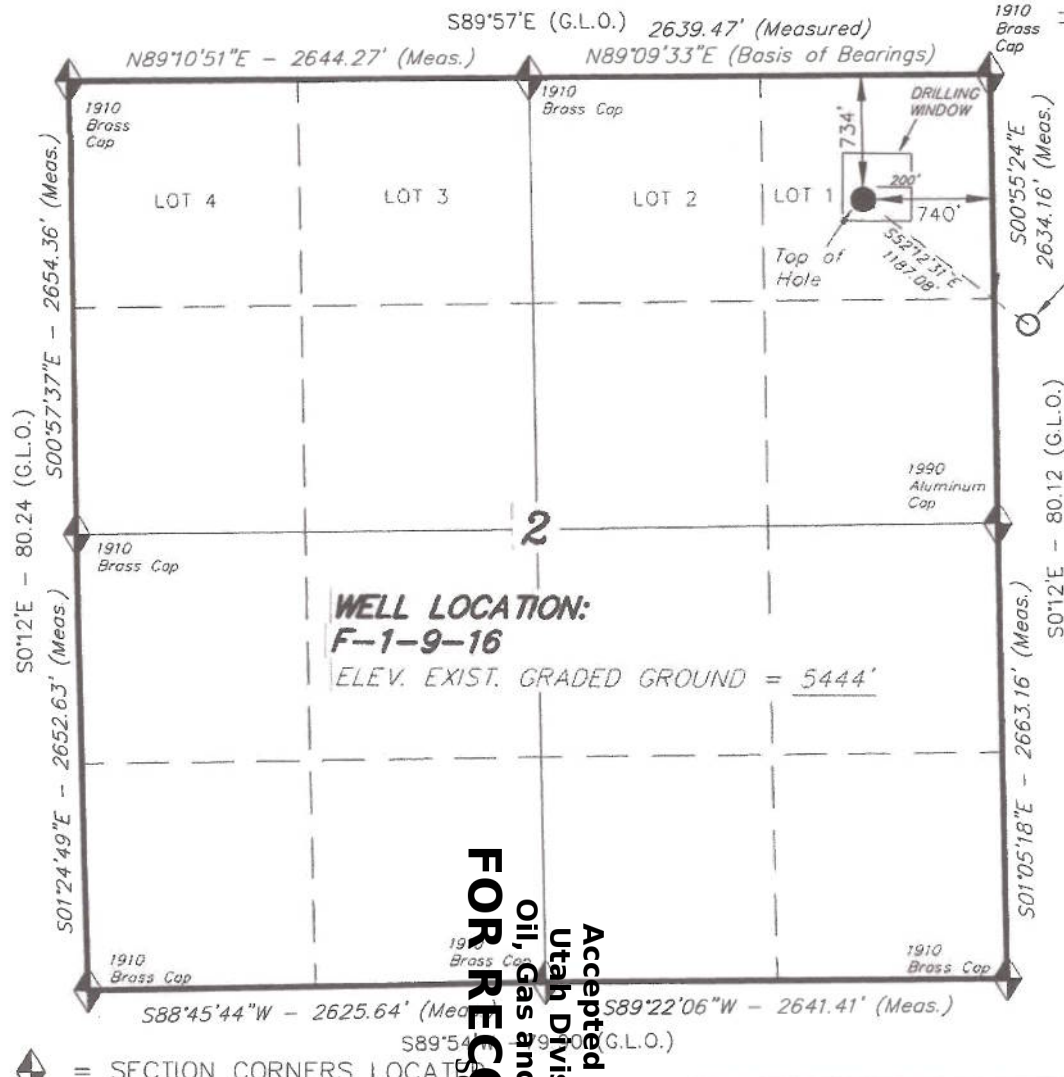
(Continued on page 2)

*(Instructions on page 2)

RECEIVED July 28, 2010

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, F-1-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 (LOT 1) OF SECTION 2, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

STACY W. STEWART

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are ... LOCATION: an N.G.S. OPUS Corrected ... LAT. 40°04'09.56" LONG. 110°00'3... (Tristate Aluminum Cap) Elev. 5...57'

F-1-9-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 54.45"
LONGITUDE = 110° 04' 47.52"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

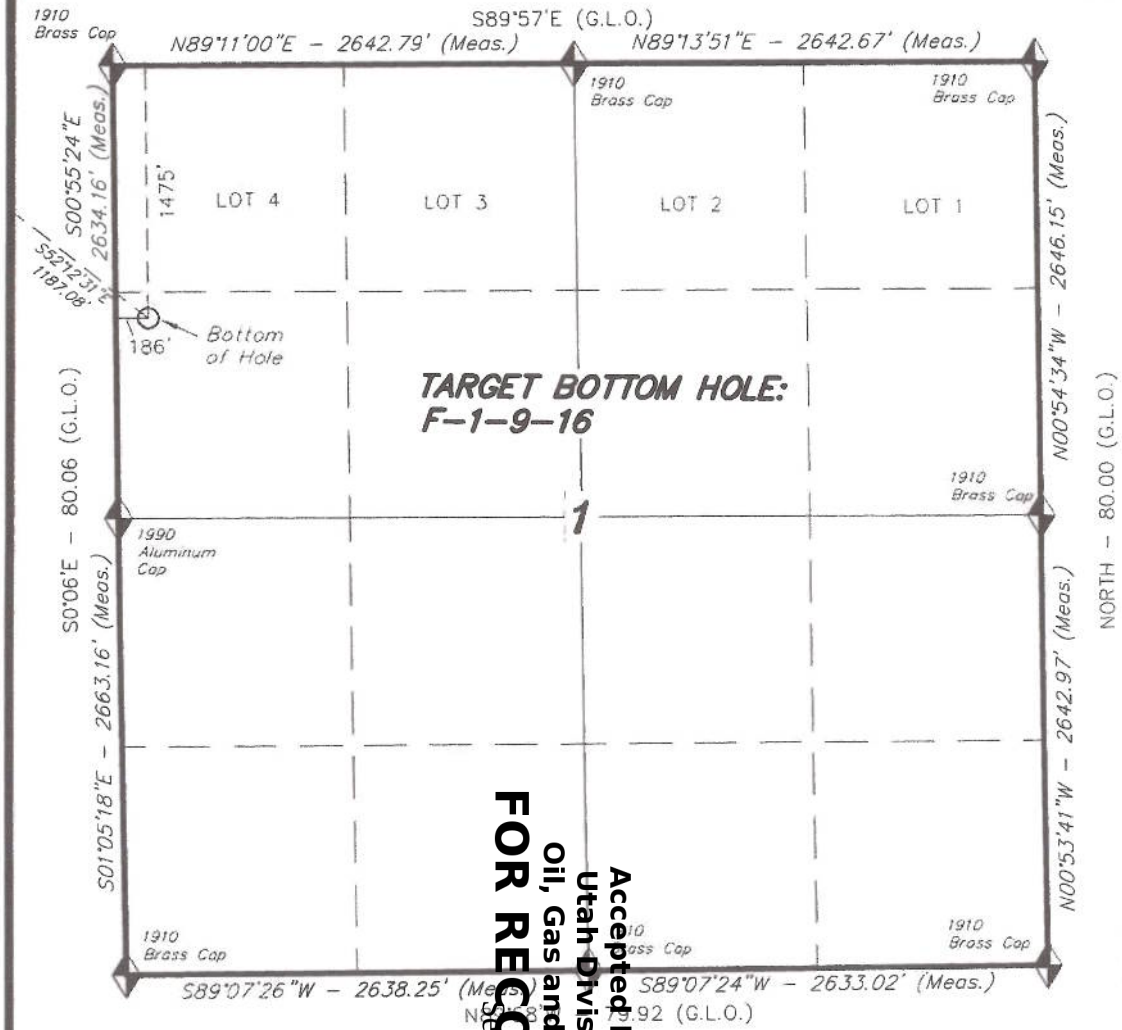
DATE SURVEYED: 09-25-09	SURVEYED BY: T.P.
DATE DRAWN: 10-14-09	DRAWN BY: M.W.
REVISED: 07-21-10 - M.W.	SCALE: 1" = 1000'

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 07, 2010

RECEIVED July 28, 2010

T9S, R16E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



TARGET BOTTOM HOLE, F-1-9-16,
LOCATED AS SHOWN IN THE SW 1/4
NW 1/4 OF SECTION 1, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

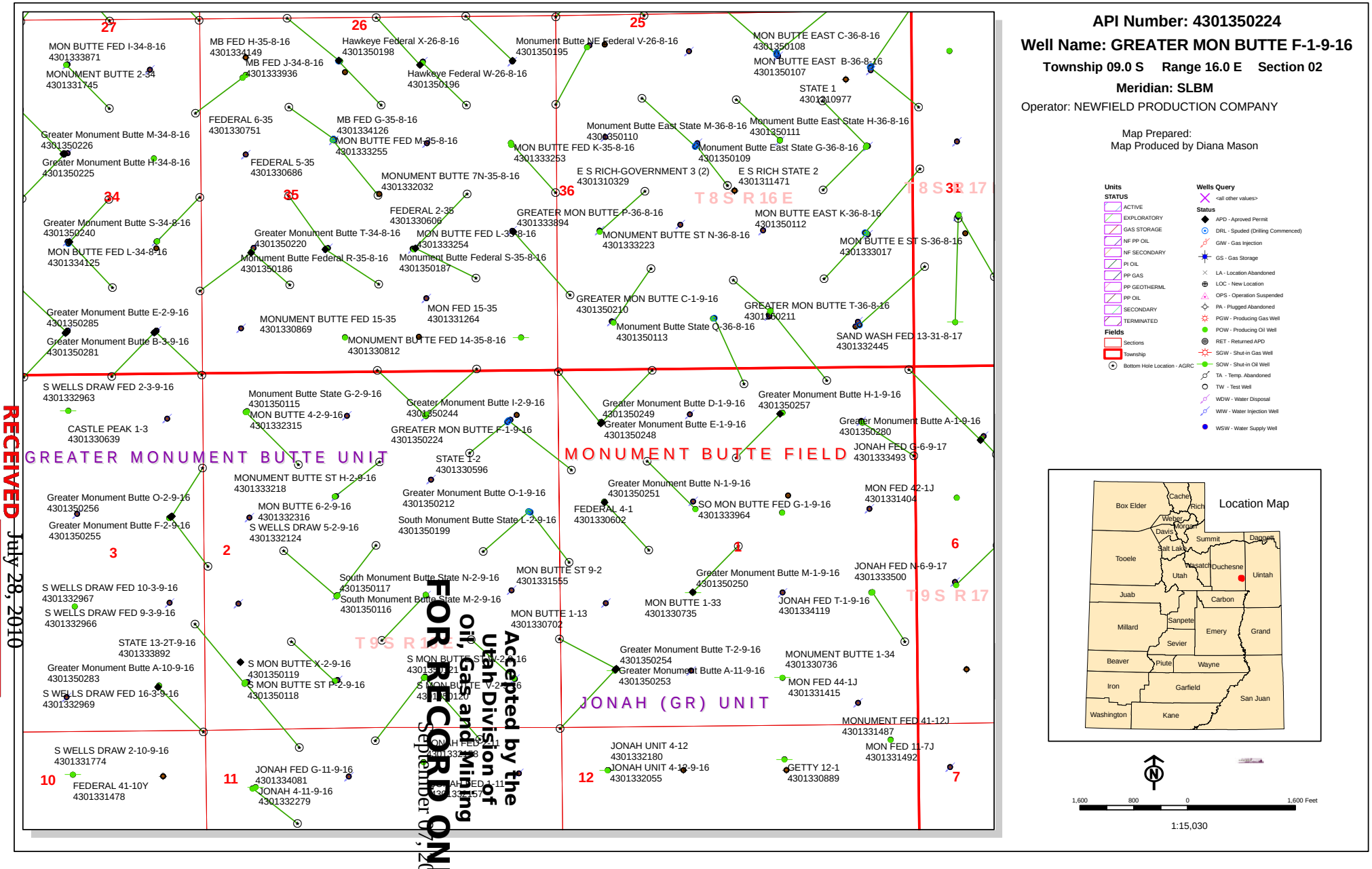
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
189377
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-25-10	SURVEYED BY: T.H.
DATE DRAWN: 06-26-09	DRAWN BY: M.W.
REVISED: 07-20-10 – M.W.	SCALE: 1" = 1000'

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 07, 2010



RECEIVED July 28, 2010

FOR RECORD ONLY

Accepted by the Utah Division of Oil, Gas and Mining

September 07, 2010

API Number: 4301350224

Well Name: GREATER MON BUTTE F-1-9-16

Township 09.0 S Range 16.0 E Section 02

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED
Fields
Sections
Township
Bottom Hole Location - AGRC

Wells Query
<all other values>
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well

1,600 800 0 1,600 Feet

1:15,030

NEWFIELD
ROCKY MOUNTAINS

September 1, 2010

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Greater Monument Butte F-1-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 2: NENE (Lot 1) (ML-21839)
734' FNL 740' FEL

Bottom Hole: T9S-R16E Section 1: SWNW (UTU-72103)
1475' FNL 186' FWL

Duchesne County, Utah

Dear Ms. Mason;

In accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of the surface hole and bottom hole locations of this directionally drilled well.

The surface and bottom hole locations are both on lands committed to the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Newfield also Certifies that all lands within 460 feet of the entire directional well bore, which crosses the lease boundary line between ML-21839 and UTU-72103, are committed to the Greater Monument Butte Unit as shown on the attached plat.

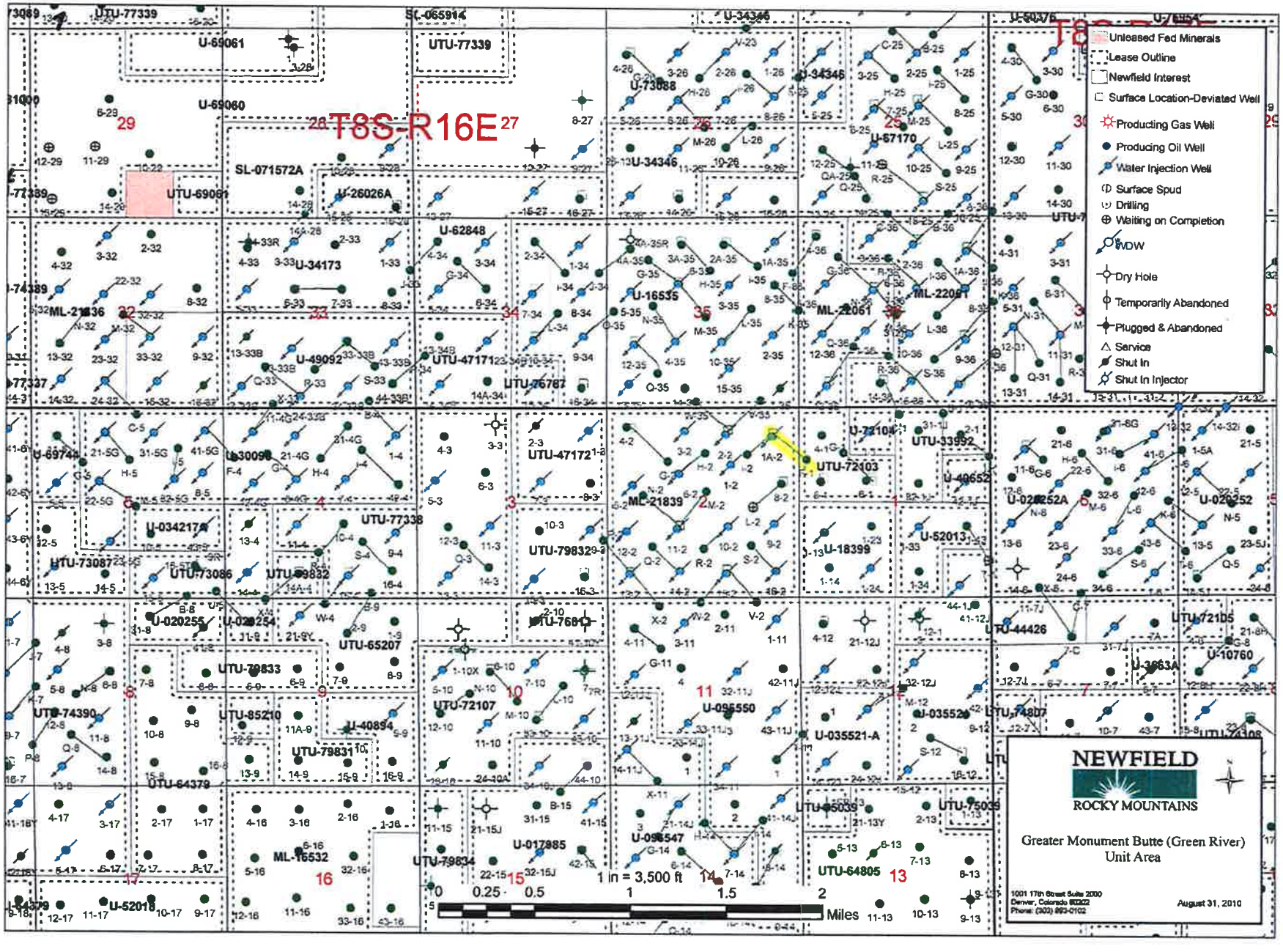
Should you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

RECEIVED July 28, 2010



Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-72103

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GMBU

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: GREATER MONUMENT BUTTE F-1-9-16

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435)646-3721

9. AFI Well No.: 43-013-50224

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

BHL reviewed by HSM

10. Field and Pool or Exploratory: MONUMENT BUTTE

At surface: 734' FNL & 740' FEL (NE/NE) (LOT #1) SEC. 2, T9S, R16E (ML-21839)

11. Sec., T., R., M., on Block and Survey or Area: SEC. 2, T9S, R16E

At top prod. interval reported below: 1202' FNL & 139' FEL (NE/NE) SEC. 2, T9S, R16E (ML-21839)

12. County or Parish: DUCHESNE

13. State: UT

At total depth: 1475' FNL & 186' FWL (SW/NW) SEC. 1, T9S, R16E (UTU-72103)

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
06/30/2010	07/10/2010	☐ D & A ☑ Ready to Prod. 07/30/2010	5444' GL 5456' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6319' TVD 6189	MD 6281' TVD 6151	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	402'		200 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6304'		250 PRIMLITE		64'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6047'	TA @ 5948'						

25. Producing Intervals / 26. Perforation Record 4364

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5758-5982' CP.5 CP3 CP4	.36"	3	36
B) Green River			5432-5437' LODC	.36"	3	15
C) Green River			5054-5072' C	.36" & .40"	3	21
D) Green River			4915-4992' D1 D2	.36"	3	33

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5758-5982'	Frac w/ 29345#'s 20/40 sand in 179 bbls of Lightning 17 fluid.
5432-5437'	Frac w/ 14706#'s 20/40 sand in 89 bbls of Lightning 17 fluid.
5054-5072'	Frac w/ 24697#'s 20/40 sand in 150 bbls of Lightning 17 fluid.
4915-4992'	Frac w/ 45001#'s 20/40 sand in 209 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-3-10	8-12-10	24	→	11	9	13			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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AUG 19 2010
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3844'
				GARDEN GULCH 1	4057'
				GARDEN GULCH 2	4176'
				POINT 3	4449'
				X MRKR	4707'
				Y MRKR	4742'
				DOUGALS CREEK MRK	4867'
				BI CARBONATE MRK	5121'
				B LIMESTON MRK	5248'
				CASTLE PEAK	5730'
				BASAL CARBONATE	6176'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB4 & GB6) 4364-4420', .36" 3/42 Frac w/ 78529#'s of 20/40 sand in 365 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Lucy Chavez-Naupoto Title Administrative Assistant

Signature Date 08/13/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 9S 16E
F-1-9-16

Wellbore #1

Design: Actual

Standard Survey Report

14 July, 2010

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

NEWFIELD

HATHAWAY BURNHAM
Survey Report

HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well F-1-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	F-1-9-16 @ 5456.0ft (328)
Site:	SECTION 2 9S 16E	**MD Reference:**	F-1-9-16 @ 5456.0ft (328)
Well:	F-1-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 2 9S 16E, SEC 2 9S 16E

Site Position:		**Northing:**	7,193,600.00 ft	**Latitude:**	40° 3' 34.952 N
From:	Map	**Easting:**	2,036,100.00 ft	**Longitude:**	110° 5' 10.480 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.91 °

Well F-1-9-16, SHL LAT: 40 03 54.45, LONG: -110 04 47.52

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,195,600.86 ft	**Latitude:**	40° 3' 54.450 N
	+E/-W	0.0 ft	**Easting:**	2,037,853.55 ft	**Longitude:**	110° 4' 47.520 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,456.0 ft	**Ground Level:**	5,444.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/07/02	11.44	65.83	52,374

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	127.36

Survey Program **Date** 2010/07/14

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
444.0	6,319.0	Survey #2 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
444.0	0.31	45.67	444.0	0.8	0.9	0.2	0.07	0.07	0.00
474.0	0.29	51.52	474.0	0.9	1.0	0.2	0.12	-0.07	19.50
505.0	0.31	152.75	505.0	0.9	1.1	0.3	1.50	0.06	326.55
536.0	0.90	173.00	536.0	0.6	1.1	0.5	2.00	1.90	65.32
566.0	1.27	173.26	566.0	0.0	1.2	0.9	1.23	1.23	0.87
597.0	1.78	162.08	597.0	-0.8	1.4	1.6	1.90	1.65	-36.06
627.0	2.46	159.87	627.0	-1.8	1.8	2.5	2.28	2.27	-7.37
658.0	2.92	157.25	657.9	-3.2	2.3	3.7	1.54	1.48	-8.45
689.0	3.32	153.52	688.9	-4.7	3.0	5.2	1.45	1.29	-12.03
720.0	3.58	150.46	719.8	-6.3	3.9	6.9	1.03	0.84	-9.87
750.0	3.57	155.43	749.8	-8.0	4.7	8.6	1.03	-0.03	16.57
781.0	3.56	151.96	780.7	-9.7	5.6	10.3	0.70	-0.03	-11.19

NEWFIELD

HATHAWAY BURNHAM
Survey Report

HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well F-1-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	F-1-9-16 @ 5456.0ft (328)
Site:	SECTION 2 9S 16E	**MD Reference:**	F-1-9-16 @ 5456.0ft (328)
Well:	F-1-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
811.0	4.04	147.58	810.6	-11.4	6.6	12.2	1.87	1.60	-14.60
857.0	4.64	135.87	856.5	-14.1	8.8	15.5	2.32	1.30	-25.46
902.0	5.10	128.09	901.3	-16.7	11.6	19.3	1.79	1.02	-17.29
947.0	5.42	127.24	946.2	-19.2	14.9	23.5	0.73	0.71	-1.89
993.0	5.91	124.58	991.9	-21.9	18.5	28.0	1.21	1.07	-5.78
1,038.0	6.64	126.51	1,036.7	-24.7	22.5	32.9	1.69	1.62	4.29
1,088.0	7.32	127.50	1,086.3	-28.4	27.4	39.0	1.38	1.36	1.98
1,129.0	8.17	128.20	1,126.9	-31.8	31.8	44.5	2.09	2.07	1.71
1,174.0	8.83	128.47	1,171.4	-35.9	37.0	51.2	1.47	1.47	0.60
1,219.0	9.62	126.97	1,215.8	-40.3	42.7	58.4	1.83	1.76	-3.33
1,265.0	10.41	126.55	1,261.1	-45.1	49.1	66.4	1.72	1.72	-0.91
1,310.0	11.18	126.38	1,305.3	-50.1	55.9	74.8	1.71	1.71	-0.38
1,355.0	11.82	125.74	1,349.4	-55.4	63.1	83.8	1.45	1.42	-1.42
1,400.0	12.46	125.02	1,393.4	-60.9	70.8	93.2	1.46	1.42	-1.60
1,446.0	12.99	124.77	1,438.3	-66.7	79.1	103.4	1.16	1.15	-0.54
1,491.0	13.38	124.56	1,482.1	-72.5	87.6	113.6	0.87	0.87	-0.47
1,536.0	13.36	125.08	1,525.9	-78.4	96.1	124.0	0.27	-0.04	1.16
1,582.0	13.40	124.56	1,570.6	-84.5	104.9	134.6	0.28	0.09	-1.13
1,627.0	13.27	124.51	1,614.4	-90.4	113.4	145.0	0.29	-0.29	-0.11
1,672.0	13.54	125.63	1,658.2	-96.4	122.0	155.4	0.83	0.60	2.49
1,717.0	13.16	123.85	1,702.0	-102.3	130.5	165.8	1.24	-0.84	-3.96
1,765.0	12.96	124.50	1,748.7	-108.4	139.5	176.6	0.52	-0.42	1.35
1,808.0	12.83	125.26	1,790.7	-113.9	147.3	186.2	0.50	-0.30	1.77
1,853.0	12.48	127.96	1,834.6	-119.8	155.3	196.1	1.53	-0.78	6.00
1,899.0	13.08	128.79	1,879.4	-126.1	163.2	206.3	1.36	1.30	1.80
1,944.0	12.99	127.21	1,923.3	-132.3	171.2	216.4	0.82	-0.20	-3.51
1,989.0	12.74	126.47	1,967.1	-138.4	179.2	226.4	0.67	-0.56	-1.64
2,035.0	12.35	127.08	2,012.0	-144.3	187.2	236.4	0.90	-0.85	1.33
2,080.0	12.70	128.66	2,056.0	-150.3	195.0	246.2	1.09	0.78	3.51
2,125.0	13.07	130.16	2,099.8	-156.7	202.7	256.2	1.11	0.82	3.33
2,170.0	13.80	131.50	2,143.6	-163.5	210.6	266.6	1.76	1.62	2.98
2,216.0	13.97	130.28	2,188.3	-170.8	219.0	277.7	0.74	0.37	-2.65
2,261.0	13.43	128.73	2,232.0	-177.5	227.2	288.3	1.45	-1.20	-3.44
2,306.0	13.25	125.81	2,275.8	-183.8	235.4	298.7	1.55	-0.40	-6.49
2,352.0	12.59	126.77	2,320.6	-189.9	243.7	309.0	1.51	-1.43	2.09
2,397.0	13.10	128.97	2,364.5	-196.1	251.6	319.0	1.57	1.13	4.89
2,442.0	13.49	130.75	2,408.3	-202.7	259.6	329.3	1.26	0.87	3.96
2,488.0	13.25	130.16	2,453.0	-209.6	267.7	339.9	0.60	-0.52	-1.28
2,533.0	13.38	128.09	2,496.8	-216.1	275.7	350.3	1.10	0.29	-4.60
2,578.0	13.38	126.58	2,540.6	-222.4	284.0	360.7	0.78	0.00	-3.36
2,623.0	13.25	125.54	2,584.4	-228.5	292.3	371.1	0.61	-0.29	-2.31
2,669.0	12.66	125.65	2,629.2	-234.5	300.7	381.4	1.28	-1.28	0.24
2,714.0	12.52	126.23	2,673.1	-240.3	308.7	391.2	0.42	-0.31	1.29
2,759.0	12.57	127.17	2,717.1	-246.1	316.5	400.9	0.47	0.11	2.09
2,805.0	12.96	129.77	2,761.9	-252.5	324.5	411.1	1.51	0.85	5.65
2,850.0	13.93	127.81	2,805.7	-259.0	332.6	421.6	2.38	2.16	-4.36
2,895.0	14.52	127.10	2,849.3	-265.7	341.4	432.6	1.37	1.31	-1.58
2,941.0	14.96	127.21	2,893.8	-272.8	350.7	444.3	0.96	0.96	0.24
2,986.0	15.38	127.28	2,937.2	-279.9	360.1	456.1	0.93	0.93	0.16
3,031.0	15.03	127.37	2,980.7	-287.1	369.5	467.9	0.78	-0.78	0.20
3,077.0	14.52	126.38	3,025.1	-294.1	378.9	479.6	1.24	-1.11	-2.15
3,122.0	14.88	126.82	3,068.7	-300.9	388.0	491.1	0.84	0.80	0.98
3,167.0	14.55	127.19	3,112.2	-307.8	397.2	502.5	0.76	-0.73	0.82
3,213.0	13.43	125.50	3,156.8	-314.4	406.1	513.6	2.59	-2.43	-3.67

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well F-1-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	F-1-9-16 @ 5456.0ft (328)
Site:	SECTION 2 9S 16E	**MD Reference:**	F-1-9-16 @ 5456.0ft (328)
Well:	F-1-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,258.0	12.48	124.42	3,200.7	-320.2	414.4	523.7	2.18	-2.11	-2.40
3,303.0	12.77	125.79	3,244.6	-325.9	422.4	533.5	0.93	0.64	3.04
3,349.0	12.83	128.44	3,289.4	-332.0	430.6	543.7	1.28	0.13	5.76
3,394.0	12.81	129.61	3,333.3	-338.3	438.3	553.7	0.58	-0.04	2.60
3,439.0	12.52	129.72	3,377.2	-344.6	445.9	563.5	0.65	-0.64	0.24
3,485.0	12.70	129.48	3,422.1	-351.0	453.6	573.6	0.41	0.39	-0.52
3,530.0	12.41	130.86	3,466.0	-357.3	461.1	583.3	0.93	-0.64	3.07
3,575.0	12.22	132.00	3,510.0	-363.7	468.3	592.9	0.69	-0.42	2.53
3,620.0	12.13	131.72	3,554.0	-370.0	475.4	602.4	0.24	-0.20	-0.62
3,666.0	12.94	131.05	3,598.9	-376.6	482.9	612.3	1.79	1.76	-1.46
3,711.0	13.14	129.48	3,642.7	-383.1	490.6	622.5	0.90	0.44	-3.49
3,756.0	12.99	127.17	3,686.6	-389.5	498.6	632.6	1.21	-0.33	-5.13
3,802.0	12.61	125.83	3,731.4	-395.5	506.8	642.8	1.05	-0.83	-2.91
3,847.0	12.26	125.32	3,775.4	-401.2	514.7	652.5	0.82	-0.78	-1.13
3,892.0	12.24	126.97	3,819.3	-406.8	522.4	662.1	0.78	-0.04	3.67
3,938.0	12.04	128.51	3,864.3	-412.7	530.0	671.7	0.83	-0.43	3.35
3,983.0	12.21	130.02	3,908.3	-418.7	537.4	681.2	0.80	0.38	3.36
4,028.0	12.44	129.24	3,952.3	-424.8	544.7	690.8	0.63	0.51	-1.73
4,073.0	12.34	126.93	3,996.2	-430.8	552.3	700.4	1.12	-0.22	-5.13
4,119.0	12.77	127.72	4,041.1	-436.8	560.3	710.4	1.01	0.93	1.72
4,164.0	13.36	128.44	4,085.0	-443.1	568.3	720.6	1.36	1.31	1.60
4,209.0	13.49	127.02	4,128.7	-449.5	576.6	731.0	0.79	0.29	-3.16
4,254.0	13.01	127.06	4,172.5	-455.7	584.8	741.4	1.07	-1.07	0.09
4,300.0	13.34	126.99	4,217.3	-462.0	593.2	751.8	0.72	0.72	-0.15
4,345.0	13.25	126.62	4,261.1	-468.2	601.5	762.2	0.28	-0.20	-0.82
4,390.0	12.77	127.76	4,305.0	-474.3	609.5	772.3	1.21	-1.07	2.53
4,435.0	13.51	127.46	4,348.8	-480.6	617.6	782.5	1.65	1.64	-0.67
4,480.0	13.12	127.24	4,392.6	-486.9	625.9	792.9	0.87	-0.87	-0.49
4,525.0	12.24	126.34	4,436.5	-492.8	633.8	802.8	2.00	-1.96	-2.00
4,571.0	11.95	125.57	4,481.5	-498.5	641.6	812.4	0.72	-0.63	-1.67
4,616.0	11.36	125.93	4,525.5	-503.8	649.0	821.5	1.32	-1.31	0.80
4,661.0	12.02	127.28	4,569.6	-509.2	656.3	830.6	1.59	1.47	3.00
4,706.0	12.17	128.20	4,613.6	-515.0	663.7	840.1	0.54	0.33	2.04
4,752.0	12.11	130.07	4,658.6	-521.1	671.2	849.7	0.86	-0.13	4.07
4,797.0	12.44	131.13	4,702.5	-527.3	678.5	859.3	0.89	0.73	2.36
4,842.0	12.61	135.01	4,746.5	-534.0	685.6	869.0	1.91	0.38	8.62
4,888.0	11.94	134.35	4,791.4	-540.8	692.6	878.7	1.49	-1.46	-1.43
4,933.0	11.98	136.51	4,835.4	-547.5	699.1	887.9	1.00	0.09	4.80
4,978.0	11.87	136.82	4,879.5	-554.3	705.5	897.1	0.28	-0.24	0.69
5,023.0	11.49	136.40	4,923.5	-560.9	711.8	906.1	0.87	-0.84	-0.93
5,069.0	12.02	137.78	4,968.6	-567.7	718.1	915.3	1.30	1.15	3.00
5,114.0	11.80	136.66	5,012.6	-574.6	724.4	924.5	0.71	-0.49	-2.49
5,159.0	11.05	138.60	5,056.7	-581.1	730.5	933.2	1.87	-1.67	4.31
5,205.0	11.51	136.55	5,101.8	-587.8	736.5	942.1	1.33	1.00	-4.46
5,250.0	12.30	134.16	5,145.9	-594.4	743.0	951.3	2.07	1.76	-5.31
5,295.0	12.26	130.05	5,189.8	-600.8	750.1	960.8	1.94	-0.09	-9.13
5,303.7	12.18	129.82	5,198.4	-602.0	751.6	962.7	1.07	-0.92	-2.64
F-1-9-16 TGT1									
5,341.0	11.84	128.80	5,234.8	-606.9	757.6	970.4	1.07	-0.91	-2.73
5,386.0	12.19	131.10	5,278.8	-612.9	764.7	979.8	1.32	0.78	5.11
5,431.0	12.76	130.84	5,322.8	-619.3	772.1	989.5	1.27	1.27	-0.58
5,477.0	13.47	129.89	5,367.6	-626.0	780.0	999.9	1.61	1.54	-2.07
5,522.0	13.10	128.80	5,411.4	-632.6	788.0	1,010.2	0.99	-0.82	-2.42
5,567.0	12.50	130.73	5,455.2	-639.0	795.7	1,020.2	1.64	-1.33	4.29

NEWFIELD

HATHAWAY BURNHAM

Survey Report

HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well F-1-9-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	F-1-9-16 @ 5456.0ft (328)
Site:	SECTION 2 9S 16E	**MD Reference:**	F-1-9-16 @ 5456.0ft (328)
Well:	F-1-9-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,612.0	12.88	130.44	5,499.1	-645.4	803.2	1,030.1	0.86	0.84	-0.64
5,658.0	12.52	129.43	5,544.0	-651.9	811.0	1,040.2	0.92	-0.78	-2.20
5,703.0	12.57	128.60	5,587.9	-658.0	818.5	1,049.9	0.42	0.11	-1.84
5,748.0	12.52	125.35	5,631.9	-663.9	826.4	1,059.7	1.57	-0.11	-7.22
5,794.0	12.94	124.18	5,676.7	-669.7	834.7	1,069.8	1.07	0.91	-2.54
5,849.0	13.54	126.44	5,730.3	-677.0	845.0	1,082.4	1.44	1.09	4.11
5,884.0	13.73	128.09	5,764.3	-682.0	851.5	1,090.7	1.24	0.54	4.71
5,930.0	13.62	129.94	5,809.0	-688.8	860.0	1,101.5	0.98	-0.24	4.02
5,975.0	13.95	129.06	5,852.7	-695.6	868.2	1,112.2	0.87	0.73	-1.96
6,020.0	13.60	128.95	5,896.4	-702.4	876.6	1,123.0	0.78	-0.78	-0.24
6,066.0	14.17	125.65	5,941.1	-709.1	885.4	1,134.0	2.12	1.24	-7.17
6,111.0	14.39	125.74	5,984.7	-715.5	894.4	1,145.1	0.49	0.49	0.20
6,156.0	13.01	127.54	6,028.4	-721.9	902.9	1,155.7	3.21	-3.07	4.00
6,201.0	11.65	129.89	6,072.3	-727.9	910.4	1,165.3	3.22	-3.02	5.22
6,246.0	10.48	130.11	6,116.5	-733.4	917.0	1,174.0	2.60	-2.60	0.49
6,269.0	9.71	130.51	6,139.1	-736.1	920.1	1,178.0	3.36	-3.35	1.74
6,319.0	8.04	131.38	6,188.5	-741.1	925.9	1,185.7	3.35	-3.34	1.74

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
F-1-9-16 TGT1	0.00	0.00	5,200.0	-580.0	759.7	7,195,033.03	2,038,622.32	40° 3' 48.718 N	110° 4' 37.749 W
- actual wellpath misses by 23.5ft at 5303.7ft MD (5198.3 TVD, -602.0 N, 751.5 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD

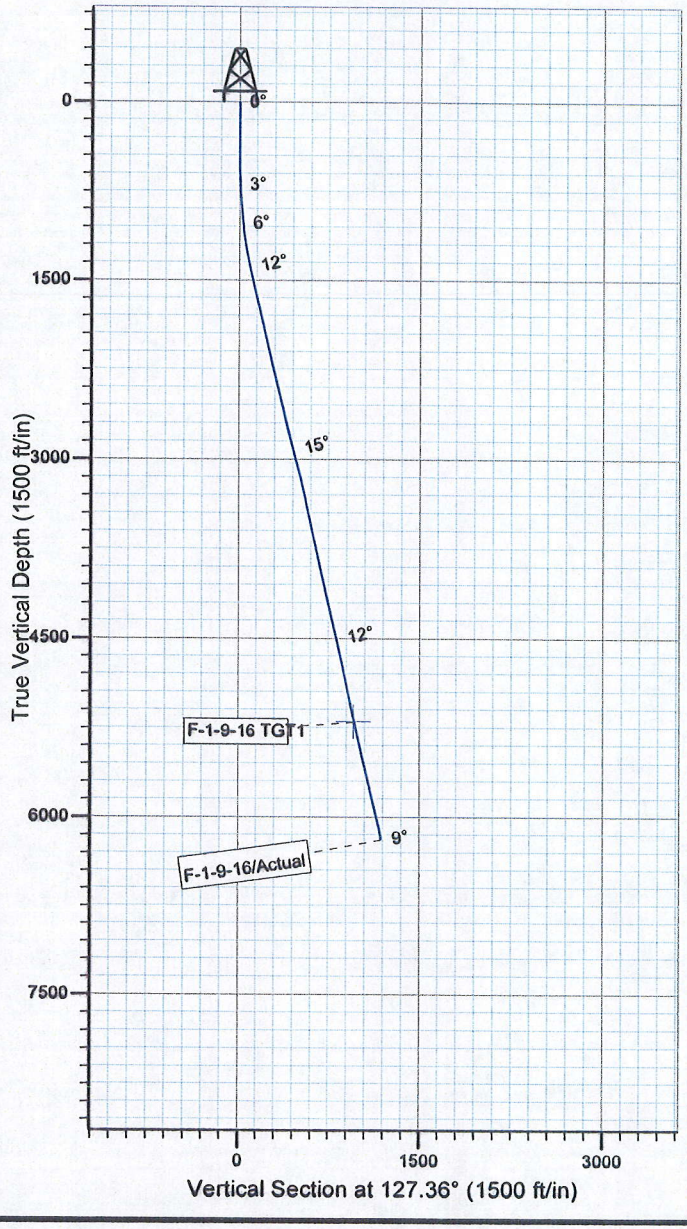
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: F-1-9-16
Wellbore: Wellbore #1
SURVEY: Actual

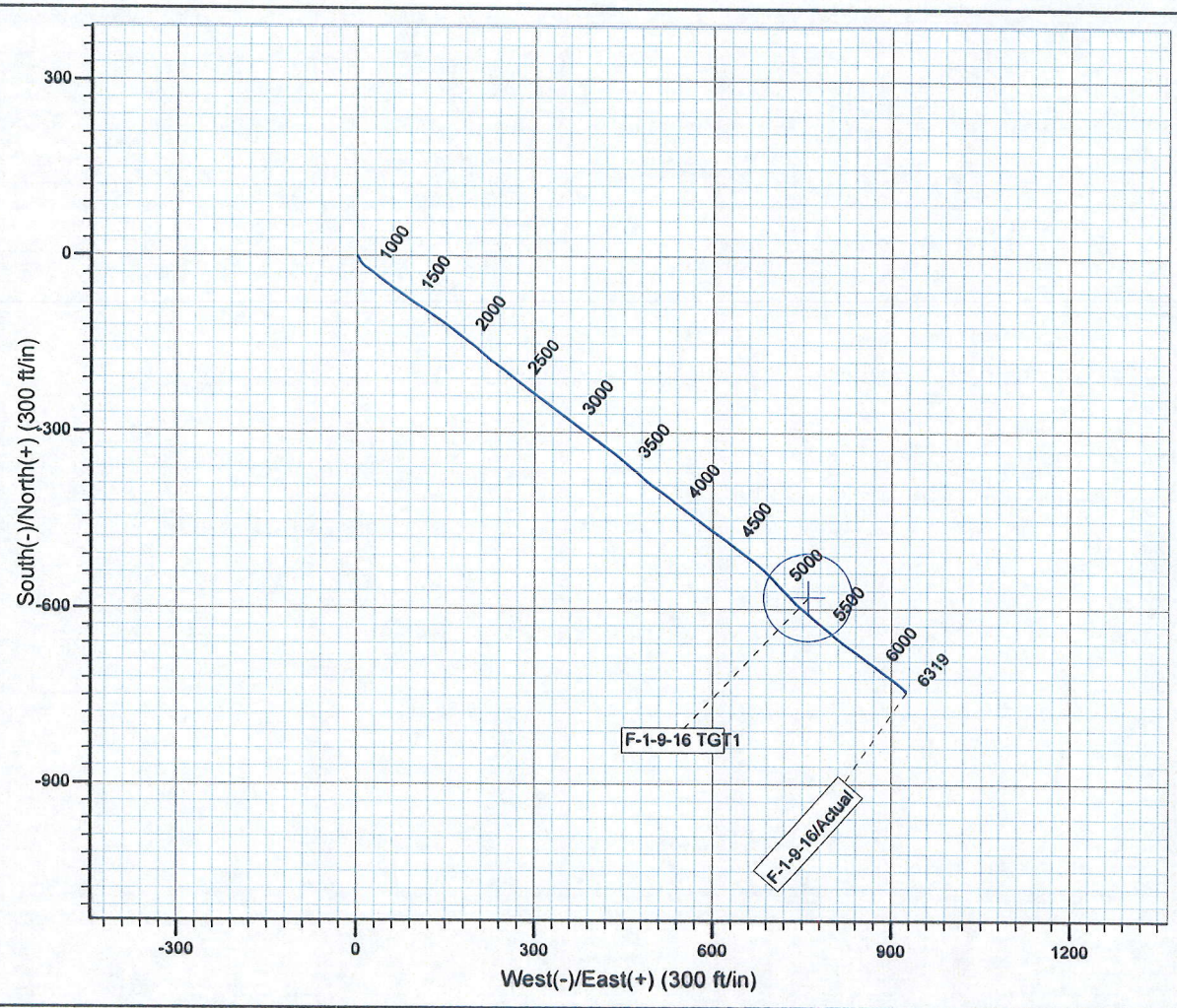
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.44°

Magnetic Field
Strength: 52373.6snT
Dip Angle: 65.83°
Date: 2010/07/02
Model: IGRF2010





HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES

Design: Actual (F-1-9-16/Wellbore #1)

Created By: Jim Hudson Date: 19:53, July 14 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

MON BUTTE F-1-9-16

5/1/2010 To 9/30/2010

MON BUTTE F-1-9-16 **Wait on Completion**

Date: 7/3/2010

Ross #21 at 400. Days Since Spud - Ross rig # 21 spud the Greater Monumont Butte F-1-9-16 @ 8:00 AM on 6/30/10 TD 400' - On 6/30/10 ran 85/8" surface casing (Guide shoe, Shoe jt, Baffle plate, 8 jts) Set @ 401.64' - On 7/2/10 cemented w/ BJ with 200sks of G+2%CaCL 15.8 ppg & 1.17 yeild - Returned 7 bbls cement back to pit BLM & State was noti for the spud

Daily Cost: $0

Cumulative Cost: $49,108

MON BUTTE F-1-9-16 **Drill 7 7/8" hole with fresh water**

Date: 7/7/2010

Capstar #328 at 1224. 1 Days Since Spud - P/U bit,dog sub,M.M,NMDC,Directional tools,HWDP and tag @ 349' - R/U B&C Quicktest and test,kelly,choke,pipe&blinds to 2000# and casing to 1500# - Move rig w/ Howcroft 1.8 miles and rig up and Nipple up - Cut and slip 100' of drill line - Drill 7 7/8" hole F/ 349' to 1224' w/ 15 K WOB,TRPM-184,GPM-409,Avg ROP-175 ft/hr - No H2S or flow reported in last 24 hours - Accept rig @ 19:00 on 7-6-10 - Rig up flare lines, strap BHA, change roughneck dyes

Daily Cost: $0

Cumulative Cost: $78,611

MON BUTTE F-1-9-16 **Drill 7 7/8" hole with fresh water**

Date: 7/8/2010

Capstar #328 at 4123. 2 Days Since Spud - Drill 7 7/8" hole F/ 3490' to 4123' w/ 18K WOB,TRPM-184,GPM-409,Avg ROP-106 ft/hr - Work On boom ram - Drill 7 7/8" hole F/ 3127' to 3490' w/ 18K WOB,TRPM-184,GPM-409,Avg ROP-121 ft/hr - Rig Service, Check crownomatic and BOP, - Drill 7 7/8" hole F/ 1224' to 3127' w/ 18K WOB,TRPM-184,GPM-409,Avg ROP-165 ft/hr - NO H2S or flow reported in last 24 hours

Daily Cost: $0

Cumulative Cost: $105,488

MON BUTTE F-1-9-16 **Drill 7 7/8" hole with fresh water**

Date: 7/9/2010

Capstar #328 at 5889. 3 Days Since Spud - No H2S or flow reported in last 24 hours - Rig Service, check Crownomatic and BOP - Drill 7 7/8" hole F/4123' to 5073' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-83 ft/hr - Drill 7 7/8" hole F/ 5073' to 5889' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-68 ft/hr

Daily Cost: $0

Cumulative Cost: $141,592

MON BUTTE F-1-9-16 **Running casing**

Date: 7/10/2010

Capstar #328 at 6319. 4 Days Since Spud - Circulate for lay down - Lay down drill pipe to 4000' - Pump 260 bbls of 9.9lb brine - Lay down drill pipe and BHA - Run 5.5 casing - Wait on tester and Casing spear - Test 5 1/2" rams to 2000# for 10 minutes - Drill 7 7/8" hole F/5889' to 6319' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-96 ft/hr - Hold meeting R/U Psi,Log F/6298' to surface, Gamma ray,neutron,density,porosity

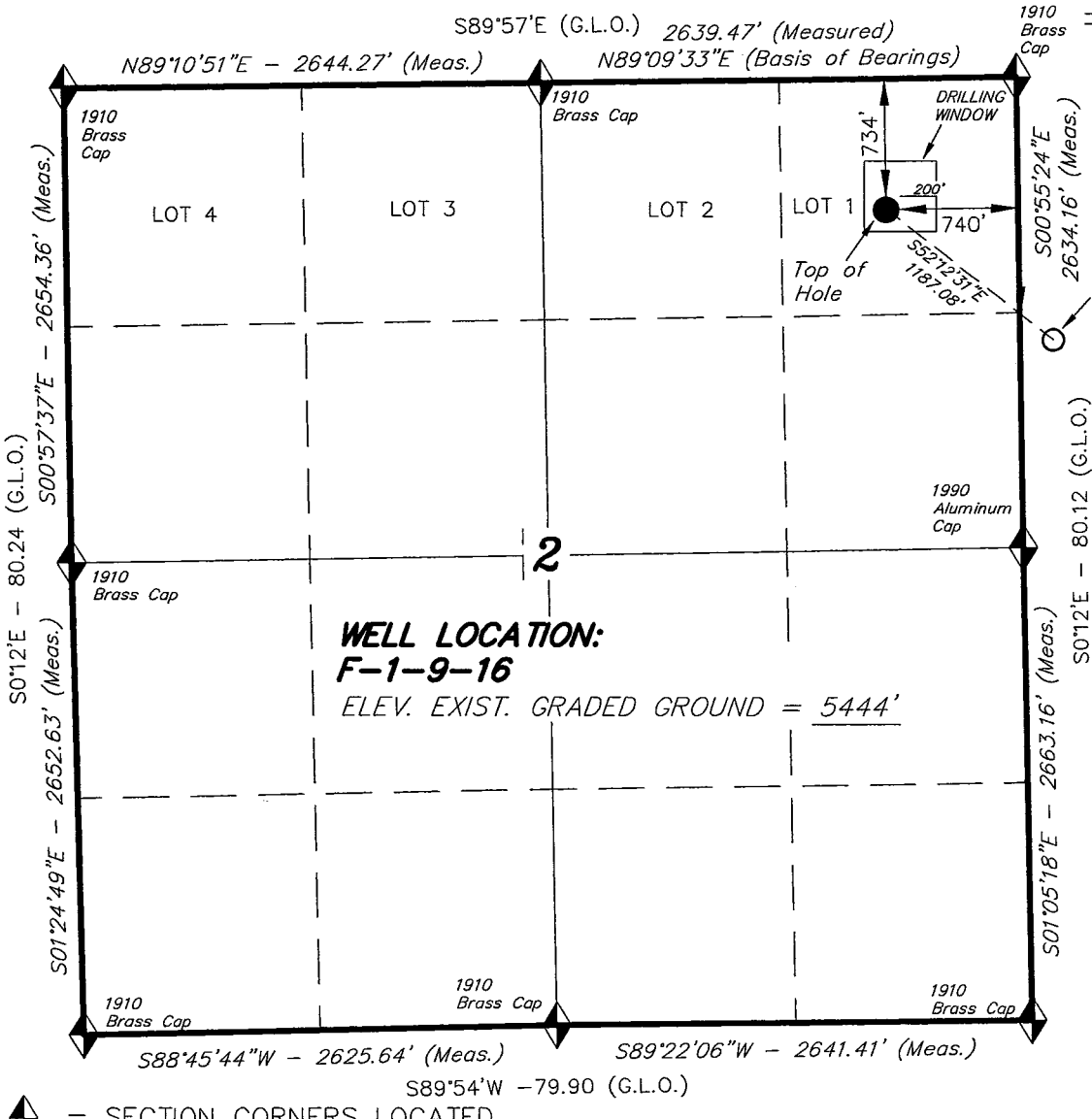
Daily Cost: $0
Cumulative Cost: $181,770

MON BUTTE F-1-9-16 **Wait on Completion**
Date: 7/11/2010
Capstar #328 at 6319. 5 Days Since Spud - finish running casing, set @ 6304.3',Short jt.@ 4056.67', top of float@6281.3' - Circulate casing and hold safety meeting w/ BJ - Cement w/ 250sks of lead @ 11ppg &3.53 yield (PL II+3%Kcl+.5#CF+.05#SF) pumped 400 sks of tail - @14.4ppg and 1.24 yield(50:50:2+3%Kcl+.25#/CF+.5%EC-1) displace w/ 139.6 bbls. Returned 30 bbls - to pit,bump plug to 1650 psi, BLM and State were notified via email. - Nipple down and set slips w/ 90,000# tension - Clean mud tanks - Release rig 1700 pm on 7-10-10 **Finalized**
Daily Cost: $0
Cumulative Cost: $281,068

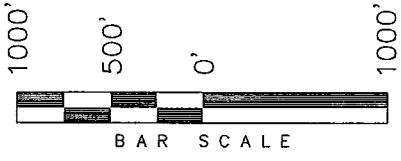
Pertinent Files: Go to File List

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, F-1-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 (LOT 1) OF SECTION 2, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:
1. The bottom of hole footages are 1325' FNL & 10' FWL of Section 1, T9S, R16E.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

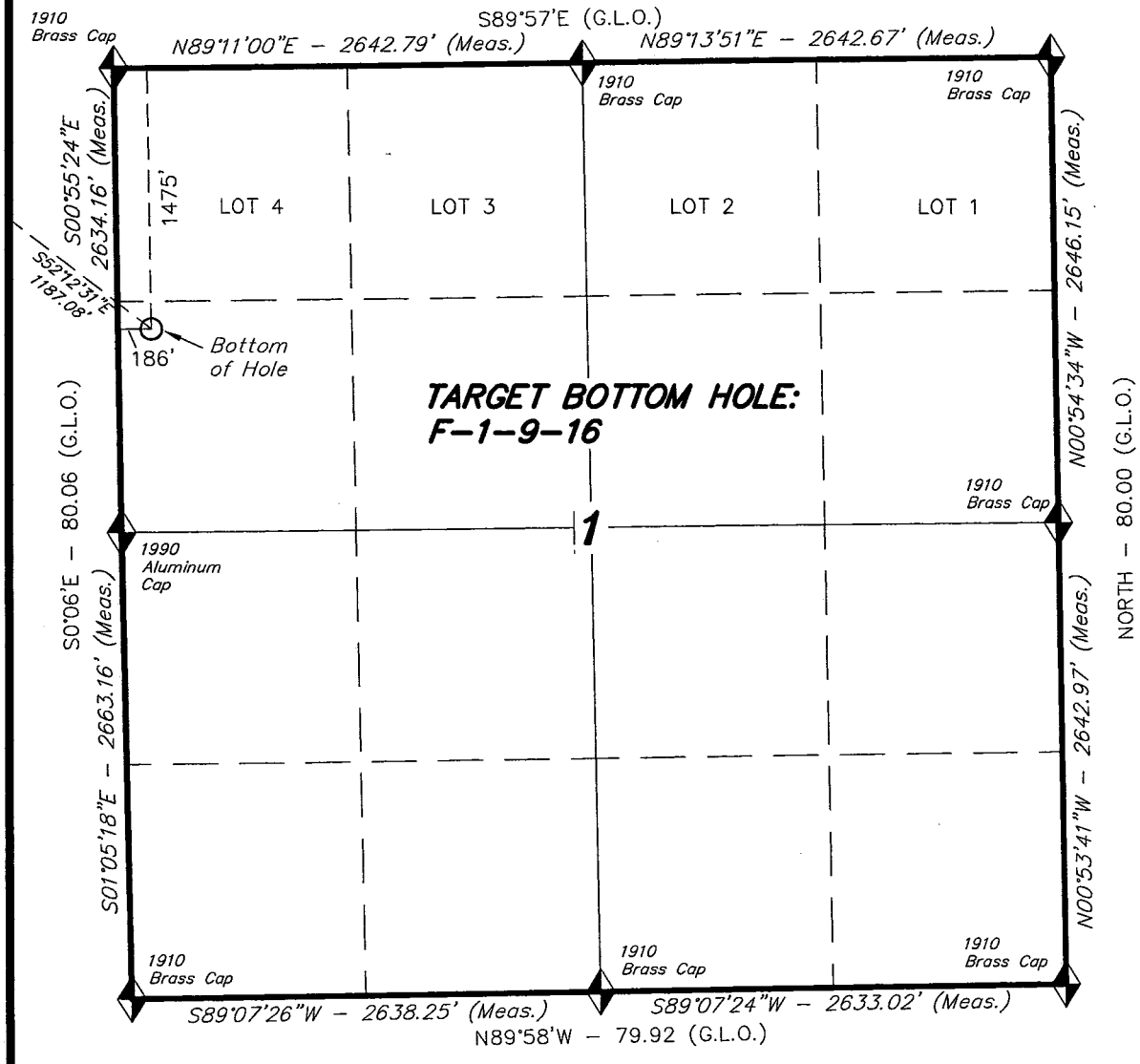
F-1-9-16 (Surface Location)	NAD 83
LATITUDE =	40° 03' 54.45"
LONGITUDE =	110° 04' 47.52"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 09-25-09	SURVEYED BY: T.P.
DATE DRAWN: 10-14-09	DRAWN BY: M.W.
REVISED: 07-21-10 - M.W.	SCALE: 1" = 1000'

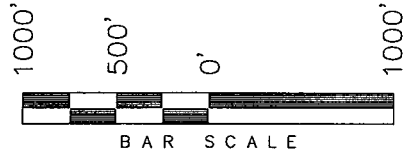
T9S, R16E, S.L.B.&M.

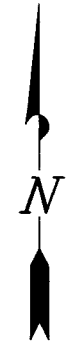
NEWFIELD EXPLORATION COMPANY



◆ = SECTION CORNERS LOCATED

TARGET BOTTOM HOLE, F-1-9-16, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 1, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REG. No. 189377
STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-25-10	SURVEYED BY: T.H.
DATE DRAWN: 06-26-09	DRAWN BY: M.W.
REVISED: 07-20-10 - M.W.	SCALE: 1" = 1000'

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-72103

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Greater Monument Butte

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Greater Monument Butte F-1-9-16

2. Name of Operator Newfield Production Company

9. API Well No.
43-013-50224

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE/NE (LOT #1) 734' FNL 740' FEL Sec. 2, T9S R16E (ML-21839)
At proposed prod. zone SW/NW 1475' FNL 186' FWL Sec. 1,T9S R16E (UTU-72103)

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 2, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximately 12.4 miles south of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
Approx. 186' f/lse, NA' f/unit

16. No. of acres in lease
120.10

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx. 989'

19. Proposed Depth
6,319'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5444' GL

22. Approximate date work will start*
Ne

23. Estimated duration
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mandie Crozier	Mandie Crozier	7/23/10

Title
Regulatory Specialist

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
	James H. Sparger	JAN 18 2011

Title	Office
Acting Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED
JAN 26 2011
DIV. OF OIL, GAS & MINING

RECEIVED
JUL 26 2010
BLM VERNAL, UTAH

NOTICE OF APPROVAL

UDOGM

No NOS

10CXS0056A

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**Lot 1, Sec. 2, T9S, R16E**
Well No:	**Greater Monument Butte F-1-9-16**	**Lease No:**	**UTU-72103**
API No:	**43-013-50224**	**Agreement:**	**Greater Monument Butte (GR)**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

- A double synthetic liner with a minimum thickness of 16 mils and an appropriate thickness of felt sub-liner to cushion the liners shall be properly installed and maintained in the reserve pit.

- The well site shall be bermed to prevent fluids from leaving the pad.

- The reserve pit shall be fenced upon completion of drilling operations.

- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.

- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.

- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- None.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.